

LC-SC3-EE-1-2018-2019-2020, LC-SC3-EE-13-2018-2019-2020, LC-SC3-EC-1-2018-2019-2020, LC-SC3-EE-5-2018-2019-2020	Rules for Participation.
LC-SC3-RES-12-2018	In order to ensure that a balanced portfolio of activities covering different renewable energy technology areas will be supported, the available budget will be firstly allocated to the highest-ranked proposal in each of the a) biomass-based CHP and b) geothermal sub-topics. In a second round, proposals will be selected for funding regardless of the sub-topic and only according to the ranking list.
LC-SC3-RES-13-2018	In order to ensure that a balanced portfolio of activities covering different renewable energy technology areas will be supported, the available budget will be firstly allocated to the highest-ranked proposal in each of the sub-topics. In a second round, proposals will be selected for funding regardless of the sub-topic and only



- **Tööprogrammi ülesehitus vastab hindamiskriteeriumitele**
- **Taotlejatele on jäetud tööprogrammi teksti tõlgendamisel piisavalt paidlikkust ja valikuvabadust**
- **Hoolsa tööprogrammi lugejani peaks jõudma selge sõnum ühiskonna vajadustest ja ootustest**

Võimalikud projektid (1):

- **Energiatõhususe meetmed hoonetes**
- **Ehitussektori arendamine**
- **Energiatarbimise juhtimine ja töö tarbijatega**
- **Taastuenergia tehnoloogiad kaugkütte ja -jahutussüsteemides**
- **Uue põlvkonna taastuenergia tehnoloogiad**
- **Arenduste turulejõudmise kiirendamine**
- **Uudsed tuule- ja päikeseenergia lahendused**
- **Elamutesse ja tööstushoonetesse integreeritavad lahendused**
- **Erinevad lahendused energiatootmise omahinna alandamiseks**
- **Valdkondliku tööstuse konkurentsivõime suurendamine**

Võimalikud projektid (2):

- Erinevad teemad nii ülekande- kui jaotusvõrgu operaatoritele
- Energiasüsteemi paidlikkuse suurendamine ja keskkonnamõjude vähendamine
- Erinevate teenuste arendamine
- Uue põlvkonna biokütuste ja alternatiivsete kütuste arendamine erinevate transpordiliikide jaoks
- Fossiilsetel kütustel töötavate jõujaamade ja saastavate ettevõtete keskkonnamõjude vähendamine, erinevad süsiniku sidumise ja salvestamise tehnoloogiad
- Osalemine Euroopa Komisjoni poolt korraldatavates (innovatsiooni)hangetes

Energiatõhusus – EE (192 milj €)

- **Energiatõhusus hoonetes (2018 – 21 milj €, 2019 – 26 milj €)**
- **Tarbijad ja teenused (14 milj €/18 milj €)**
- **Energiatõhusus tööstuses (19 milj €/15 milj €)**
- **Energiatõhususe projektide rahastamine (19 milj €/27 milj €)**
- **Haldusasutused ja poliitikate toetamine (17 milj €/14 milj €)**
- **Digiteerimine (15 milj €/15 milj €)**

LCE-SC3-EE-1-2018-2019-2020: EL elamufondi süsinikuheite vähendamine: innovatiivsed ja taskukohased turgu muutvad lahendused hoonete renoveerimiseks

- **Energiatarbe ja süsinikuheite vähendamine**
- **Huvi tõstmine põhjaliku renoveerimise vastu**
- **Sisekliima oluline parandamine**
- **Uudsete lahenduste, tehnoloogiate ja materjalide kasutamine**
- **Küte/ventilatsioon/taastuvad energiaallikad/salvestamine nii hoonepõhiselt kui piirkondlikult**
- **Renoveerimiseks kuluva aja ja elanikele tekitava tüli minimeerimine**

TRL 8 – 9, innovatsiooniprojekt

Eelarve 3 – 4 milj €

LCE-SC3-EE-2-2018-2019: integreeritud elamute renoveerimise teenused

- Projektiarendajate (**kohalikud omavalitsused**, eraisikud, ettevõtted) oskuste ja võimekuse parandamine tegevuste planeerimise, rahastuse leidmise ja projektide elluviimise alal
- Teenuste näidispaketi loomine või olemasoleva kohandamine, mis hõlmab diagnostikat, tehniliste lahenduste valikut, tööde teostamise, rahastamise jm lepinguid, järelvalvet ja kvaliteedikontrolli
- Projekti tulemuseks on toimiv teenuste pakett, mis on rakendatav ilma avaliku sektori poolse rahalise toeta

Koordineerimis- ja toetavad tegevused

Eelarve **0,5 – 1,5 milj €**

LCE-SC3-EE-4-2019-2020: Hoonete muutmine nutikamaks läbi olemasolevate seadmete uuendamise

- Nutikad, lihtsalt rakendatavad lahendused (kontrollerid, nutikad seadmed, nutikad süsteemid) energiatarbimise juhtimiseks elamutes ja avalikes hoonetes
- Hoonete muutmine paindliku energiasüsteemi osaks (IT lahendused, automaatika, nutikad laadimissüsteemid, koormuse hajutamine)
- Hoonete reaalsajas 'suhtlemine' kasutajate ja energiavõrkudega
- Uued ärimudelid ja rahastuskeemid

TRL 6 – 8, innovatsiooniprojekt

Eelarve 3 – 4 milj €

LCE-SC3-EE-9-2018-2019: Innovatiivsed rahastuskeemid energiatõhususse investeerimiseks

- Finantseerimisskeemide väljatöötamine regionaalsel ja riiklikul tasandil ning erakapitali kaasamine, edukaks osutunud skeemide kohandamine konkreetsetele vajadustele
- Erinevate rahastuskeemide (sh laenud, tagatissüsteemid, teenusepakkuja poolne laen, ühisrahastus, heitmekaubandus jne) kaasamine eritüüpi kinnisvara (era-, rendipinnad, avalikud hooned) energiatõhususse investeerimiseks
- Erinevate sihtgruppide, sh kohalike omavalitsuste kaasamine investeerimisaruuteludesse ja ümarlaudadesse

Koordineerimis- ja toetavad tegevused

Eelarve **1 – 1,5 milj €**

LCE-SC3-EE-10-2018-2019-2020: Innovatiivsed rahastuskeemid energiatõhususse investeerimiseks

- Investeeringute muutmine finantssektorile atraktiivsemaks ja arendajatele kättesaadavamaks
- Uudsete rahastuskeemide arendamine või olemasolevate kohandamine konkreetsetele vajadustele
- Investeerimisprojektide standardi aluste (sh energiamärgised, hindamismetoodika, andmete haldamine, riskide hindamine, juriidilised ja finantsaspektid) ja suuremahuliste projektide esitamise süsteemi arendamine
- Teostatud investeeringute kaardistamine
- Pankade ja fondide teadlikkuse tõstmine

Koordineerimis- ja toetavad tegevused

Eelarve **1 – 1,5 milj €**

LCE-SC3-EE-11-2018-2019-2020: Projektide arendamise toetamine

- Avaliku- ja erasektori projektiarendajate toetamine, tehnilise, majandusliku ja juriidilise võimekuse tõstmine
- Riskide ja fragmenteerituse vähendamine, energiatõhususse investeerimise usaldusväärsete tõstmine
- Juriidiliste, administratiivsete ja turutõkete eemaldamine
- Valikud – energiatõhusus hoonetes, tööstuses, kohalikus linnatranspordis/intermodaalsed valikud, energiatõhusus kohalikus taristus – küte, tänavavalgustus, veevarustus
- Projekti tulemuseks on investeerimislepingu/tööde teostamise lepingu allkirjastamine (7,5 – 50 milj €)

Koordineerimis- ja toetavad tegevused

Eelarve **0,5 – 1,5 milj €**

LCE-SC3-EE-16-2018-2019-2020: Riigiasutuste toetamine Energialiidu eesmärkide saavutamisel

- Avaliku sektori kõikide haldustasandite kaasamine ning nende julgustamine puhtale energiale üleminekut eest vedama
- Seire- ja kontrollisüsteemide juurutamine energiatõhususe meetmete rakendamisel, erinevate haldustasandite vaheliste tegevuste parem koordineerimine ning avaliku sektori rahade otstarbekam kasutamine
- Puhtale energiale ülemineku teekaardi aastani 2050 koostamise toetamine EL pikaajaliste eesmärkide saavutamiseks
- Seos Linnapeade Pakti ja Tarkade Linnade algatustega
- Kogemustepõhiste koolitusprogrammide koostamine

Koordineerimis- ja toetavad tegevused

Eelarve **1 – 1,5 milj €**

LCE-SC3-EE-17-2019: Euroopa linnad kui energiatõhususe rahastamist võimaldavad innovatsioonikeskused

- Kohalikel omavalitsustel on raskusi energia valdkonna arengukavade elluviimise ja vajalike investeerimisvahendite leidmisega
- Puudub vajalik võimekus ja oskus nii andmete kogumiseks, investeerimisprojektide arendamiseks kui erinevate projektide kombineerimiseks
- Projekti käigus peaks tekkima Euroopa Linnade finantsmeede, mis aitaks kiireini projekte ette valmistada ja investeerimiseks vajalikku kriitilist massi tekitada
- 80% eelarvest peab minema linnadele, omavalitsustele ja nende liitudele

Koordineerimis- ja toetavad tegevused

Eelarve ~10 milj €

Taotluste esitamise tähtajad

- **2018**

Konkurss avaneb:
25. jaanuaril 2018

EC-1	EE-6	EE-13
EC-2	EE-8	EE-14
EE-1	EE-9	EE-15
EE-2	EE-10	EE-16
EE-5	EE-11	

Tähtaeg
4. september 2018

Konkurss avaneb:
1. augustil 2018

EE-17

Tähtaeg
5. veebruar 2019

- **2019**

Konkurss avaneb:
24. jaanuaril 2019

EC-1	EE-4	EE-10
EC-2	EE-5	EE-11
EE-1	EE-6	EE-13
EE-2	EE-8	EE-14
EE-3	EE-9	EE-16

Tähtaeg:
3. september 2019

LCE-SC3-RES-4-2018: Hoonetesse integreeritud taastuvenergia süsteemid

- Ühel või mitmel taastuval energiaallikal põhinevate erinevate tehnoloogiate integreerimine elamutesse, avalikesse ja tööstushoonetesse ning võimalusel nende kombineerimine energiasalvestamise süsteemidega
- Tasuvusanalüüsid ja töö tarbijatega
- Eesmärgiks taastuvate osakaalu märkimisväärne suurendamine elektri, kütte ja jahutuse vajaduse katmisel

TRL 3 – 4 ⇒ TRL 4 – 5, teadus- ja innovatsioonitegevus

Eelarve 2 - 5 milj €

Konkurss avanes:
31.oktoobril 2017

RES-4

Tähtaeg
esimene aste 31.01.2018
teine aste 23.08.2018

LCE-SC3-EC-1-2018-2019-2020: Tarbijate turgu muutev roll läbi teadlike otsuste ja ühistegevuse

- Tarbijate/kogukonna teadlikkuse tõstmine energiatarbimise vähendamise alal, energiasäästu mõju turule, energiasüsteemile ja rahakotile
- Vanade ebaefektiivsete süsteemide (kütteseadmed, veeboilerid) väljavahetamise mõju teadvustamine (kulude optimeerimine, tarbimise juhtimise võimalus, mugavus, õhukvaliteet jmt)
- Kriitilise massi saavutamine läbi ühistegevuse, kohaliku omavalitsuse koordineeriv roll struktuursete muutuste elluviimisel kõikide osapoolte kaasamisega

Koordineerimis- ja toetavad tegevused

Eelarve **1 - 2 milj €**

LCE-SC3-EC-2-2018-2019-2020: Energiavaesuse leevendamine kodumajapidamistes

- Probleemsete majapidamiste kaardistamine, süsteemi loomine selliste majapidamiste tuvastamiseks. Koostöö teenuse pakkujatega (katlamajad, elektrimüüjad)
- Energiaarvete vähendamine läbi taastuvate osakaalu suurendamise ja energiatõhususe meetmete (valgustus, sisetemperatuur, õhulekked) rakendamise kohalike omavalitsuste eestvedamisel
- Teadlikkuse tõstmine ja tarbimisharjumuste muutmine
- Mõõdukas rahaline ja mitterahaline tugi

Koordineerimis- ja toetavad tegevused

Eelarve **1 - 2 milj €**

Taotluste esitamise tähtajad:

2018

Konkurss avaneb:
25. jaanuaril 2018

EC-1
EC-2

Tähtaeg:
4. september 2018

2019

Konkurss avaneb:
24. jaanuaril 2019

EC-1
EC-2

Tähtaeg:
3. september 2019

Smart Cities and Communities

- 2014**
- GROWSMARTER**
Köln, Barcelona, Stockholm
& Graz, Cork, Valletta, Porto, Suceava
- REMOURBAN**
Valladolid, Tepebasi, Nottingham
& Seraing, Miskolc
- TRIANGULUM**
Eindhoven, Stavanger, Manchester
& Prague, Leipzig, Sabadell
- 2015**
- REPLICATE**
San Sebastián/Donostia, Firenze, Bristol
& Lausanne, Essen, Nilufer
- SHAR-LLM**
Milano, Lisboa, London (Greenwich)
& Burgas, Bordeaux, Warsaw
- SMARTENCITY**
Sønderborg, **Tartu**, Vitoria/Gasteiz
& Asenovgrad, Lecce
- SMARTER TOGETHER**
Wien, München, Lyon
& Sofia, Santiago de Compostela, Venezia, Yokohama,
Kiev
- 2016**
- mySMARTlife**
Hamburg, Helsinki, Nantes
& Varna, Palencia, Rijeka, Bydgoszcz
- RUGGEDISED**
Rotterdam, Umea, Glasgow
& Brno, Parma, Gdansk
- 2017**
- STARDUST**
Pamplona, Tampere, Trento
& Cluj-Napoca, Derry, Kozani, Litoměřice
- IRIS**
Utrecht, Göteborg, Nice Côte d'Azur
& Vaasa, Alexandroupolis, Santa Cruz de Tenerife, Focsani
- MatchUP**
Valencia, Dresden, Antalya
& Ostend, Herzliya, Skopje, Kerava



➤ Collaboration in the **Lighthouse Collaboration Network** - specific task groups on common topics (e.g. replication, business models, dissemination)



LCE-SC3-SCC-1-2018-2019-2020: Targad linnad ja kogukonnad

- Kasvuhoonegaaside emissiooni oluline vähendamine linnades vastavalt säästva arengu eesmärkidele ja Pariisi kokkuleppele
- Positiivse energiabilansiga hooneteni/piirkondadeni jõudmisele kaasaaitamine
- Selge panustamine üleminekusse puhtale energiale linnades

Projektide pikkuseks võiks kujuneda **48 – 60 kuud**.

Innovatsioonitegevused

Eelarve **15 kuni 20 milj €**

Konkursi eelarve 2018 - **43 milj €**, 2019 - **73 milj €**

- Partnerluse eripära: majakalinnad ja järgijad linnad
- **2** aktiivse linna kõrval peab olema **vähemalt 5** järgijat-linna
- Vajalik on omavaheline tihe koostöö kogu projekti jooksul
- Mõju suurendamiseks tuleks tööstussektorit kaasates ühiselt kokku panna linnade arenguvision **aastani 2050**, mis hõlmab linnalisi, tehnilisi, finants- ja sotsiaalseid aspekte
- Taotluse esitamise ajaks peab majakalinnadel olema ametlikult vastu võetud kas
 - ✓ Säästva energia tegevuskava
 - ✓ Säästva energia ja kliimameetmete tegevuskava
 - ✓ või mingi muu võrreldavalt ambitsioonikas tegevuskava
- Linn saab olla majakalinn ühes raamprogrammis vaid üks kord

Majakaprojetid:

- On teedrajavad lahendused, mis hõlmavad energia, transpordi (elektromobiilsus!) ja IKT sektoreid ning peavad motiveerima järgijaid projekti jooksul nähtut järele tegema
- peavad välja töötama ja katsetama integreeritud innovatiivseid lahendusi positiivse energiabilansiga hoonetele/piirkondadele ning jälgima tulemuste vastavust ootustele soovitatavalt 2 aastat pärast projekti lõppu
- Peavad katsetama tõeliselt uudseid lahendusi ning võtma esmaüritajana riske
- Peavad stimuleerima nutikaid lahendusi läbi turunõudluse mõjutamise

Projektides peab olema selge side madala energitarbega piirkonna, integreeritud taristu ja säästva linnatranspordi vahel.

Integreerimine peab toimuma samas linnas. Ei saa jagada lahendusi linnade kaupa – üks tegeleb energiaga, teine linnatranspordiga, kolmas nutikate lahendustega

Oluliselt peab suurenema taastuvate osakaal ja jääsoojuse ärakasutamine

Võimalust mööda tuleks integreerida energiasalvestamise lahendusi

Oluliselt peab paranema energiatõhusus ja teadlik energiatarbimise juhtimine

Projekt peaks andma tõhusaid ärimudeleid teistele järgimiseks

Projekt peaks andme soovitusi

- **Regulatiivsete ja juriidiliste aspektide kohta**
- **Andmete kogumise ja süstematiseerimise kohta**
- **Suurte andmekogudega opereerimiseks ja digiteerimiseks**
- **Energia sesoonseks ja lühiajaliseks salvestamiseks**
- **Elektromobiilsuse osas selle mõju kohta energiasüsteemile ning kuidas saaks linnaplaneerimine kaasa aidata elektromobiilsuse levikule**

- Geograafiline haare on oluline
- Vajalik laia ringi osapoolte aktiivne kaasamine – tööstus, VKEd, tarbijad, linnaplaneerijad, linnakodanike grupid, kohalik omavalitsus, hoonete omanikud/haldajad jpt ning nende teadlikkuse tõstmine
- Projektid peavad koostööd tegema teiste Horisondi raames rahastatud sarnaste projektidega ning Tarkade linnade Euroopa Innovatsioonipartnerlusega- <http://ec.europa.eu/eip/smartcities/> (selleks tuleks eelarves ette näha umbes **5%** EL poolsest panusest)

Lubatud kulud:

Projekti innovatiivsed elemendid, mis on vajalikud:

- hoonete ühendamiseks ja integreerimiseks
- Positiivse energiabilansiga hoonete/piirkondade saavutamiseks
- Innovatiivsete süsteemide integreerimise kiirendamiseks
- Energiasüsteemi kui terviku täiendamiseks

Mittehüvitatavad kulud:

Juba turule jõudnud tehnoloogiad ja tavalahendused:

- Hoonete puhul – kinnisvara ost, ehitus, renoveerimine ja hooldus
- Elektriliste sõidukite ja laadimistaristu puhul – ost, taristu paigaldus ja hooldus
- Linna tasandi IKT platvormide puhul – ost, arendus ja hooldus
- Standardsete turule jõudnud taastuvenergia lahenduste puhul – ost, arendus ja hooldus

Tähtajad:

- **2018**

Avaneb:
5. december 2017

SCC-1

Tähtaeg:
5. aprill 2018

- **2019**

Avaneb:
5. september 2018

SCC-1

Tähtaeg:
5. veebruar 2019

Avamine	Teemad	Tähtaeg
31.10.2017	<ul style="list-style-type: none"> • Teadustegevuse ühise kavandamise ettevalmistamine • Taastuvenergia tehnoloogiate hinna alandamine ja efektiivsuse tõstmine (2-astmeline, täistaotlus 23.08.2018) • Hoonetesse integreeritavad taastuvenergia süsteemid 	31.01.2018
	<ul style="list-style-type: none"> • Tõhusad taastuvenergia tehnoloogiad koostootmises • Taastuvatest energiaallikatest elektri tootmise hinna oluline alandamine • Uue põlvkonna biokütused ja alternatiivsete kütuste tehnoloogiate arendamine maanteetranspordi jaoks • Uute lahenduste turulejõudmise toetamine • Tõhusamad tehnoloogiad kohalikes kütte- ja jahutuslahendustes • Võimalused hoonetesse integreeritud PV lahenduste oluliseks hinna alandamiseks 	13.02.2018

Konkursside tähtajad

	2018		2019	
	Avaneb	Tähtaeg	Avaneb	Tähtaeg
Üheastmeline	31/10/2017	4/4/2018	5/9/2018	11/12/2018
	5/12/2017	5/4/2018	14/11/2018	27/8/2019
		19/4/2018	4/12/2018	24/4/2019
	25/01/2018	4/9/2018	24/1/2019	3/9/2019
	15/5/2018	11/9/2018	7/5/2019	27/8/2019
		6/9/2018		
Kaheastmelise esimene faas	31/10/2017	31/1/2018	01/8/2018	16/10/2018
			5/9/2018	16/1/2019
Kaheastmelise teine faas		23/8/2018		25/8/2019
				12/9/2019

Konkurentsivõimelise projektitaotluse iseloomustus:

- tipptase
- usaldusväärsus
- selgus
- ambitsioonikus
- asjakohasus
- haare
- sidusus
- kontseptsiooni tugevus
- sihtgrupi kaasatus
- geograafiline haare



Lähtepunkt:

- **Mis on minu tugevus/konkurentsieelis?**
- **Mis mul pakkuda on?**
- **Mida ma vajan?**
- **Kas ma olen huvitatud rahvusvahelisest koostööst?**
- **Kas mul on selleks aja- ja inimressurssi?**
- **Milline on minu teadus-/arendusvõimekus?**
- **Millist rolli ma endale projektis näen:**
 - ✓ **Projekti algataja/koordinaator**
 - ✓ **Vastutava rolliga partner**
 - ✓ **Konkreetsete ülesannetega partner**
 - ✓ **Allhanke pakkuja**

<https://www.b2match.eu/energycall2018>



Horizon 2020 Energy - Brokerage Event

Calls for Work Programme 2018 - 2020

24 October 2017 | Brussels, Belgium

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We would like to thank all participants and co-organisers for making this event a real success!

260 participants from 34 countries discussed potential cooperations in 1100 meetings.

Registration
closed since 10 Oct 2017

ORGANISERS



Business Growth on Your Terms



Are you interested in submitting a proposal for "Energy" in Horizon 2020?

GET INVOLVED in the next H2020 Energy Proposals!
A Brokerage Event in the field of Energy Technologies



INNOVATION AND NETWORKS EXECUTIVE AGENCY

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Horizon 2020 Energy Info Days 2017

Monday, 23 October 2017

The Horizon 2020 Energy Info Days presented the new funding opportunities and innovative schemes offered by Horizon 2020's Work Programme in 2018-2020. Applying for funding is a competitive process, and only the best project proposals will be selected. If you would like to know more about the type of projects we will be looking for, you can listen to the recordings from the event and download presentations.

Agenda

The content of the event was structured across three days:

- Day 1 (Mon, 23 Oct 2017)** introduced the overall policy background and the Horizon 2020 work programme and covers funding opportunities for Global Leadership for Renewables, Decarbonisation of Fossil Fuels and other cross-cutting issues
- Day 2 (Tue, 24 Oct 2017)** guided the participants on Smart Cities & Communities and Energy Systems funding opportunities
- Day 3 (Wed, 25 Oct 2017)** focused on Smart & Efficient Energy funding opportunities

Have a look at the full agenda.

Presentations

All presentations are available for download:

Day 1: Global Leadership for Renewables, Decarbonisation of Fossil Fuels and other cross-cutting issues

<https://ec.europa.eu/inea/en/news-events/events/horizon-2020-energy-info-days-2017>

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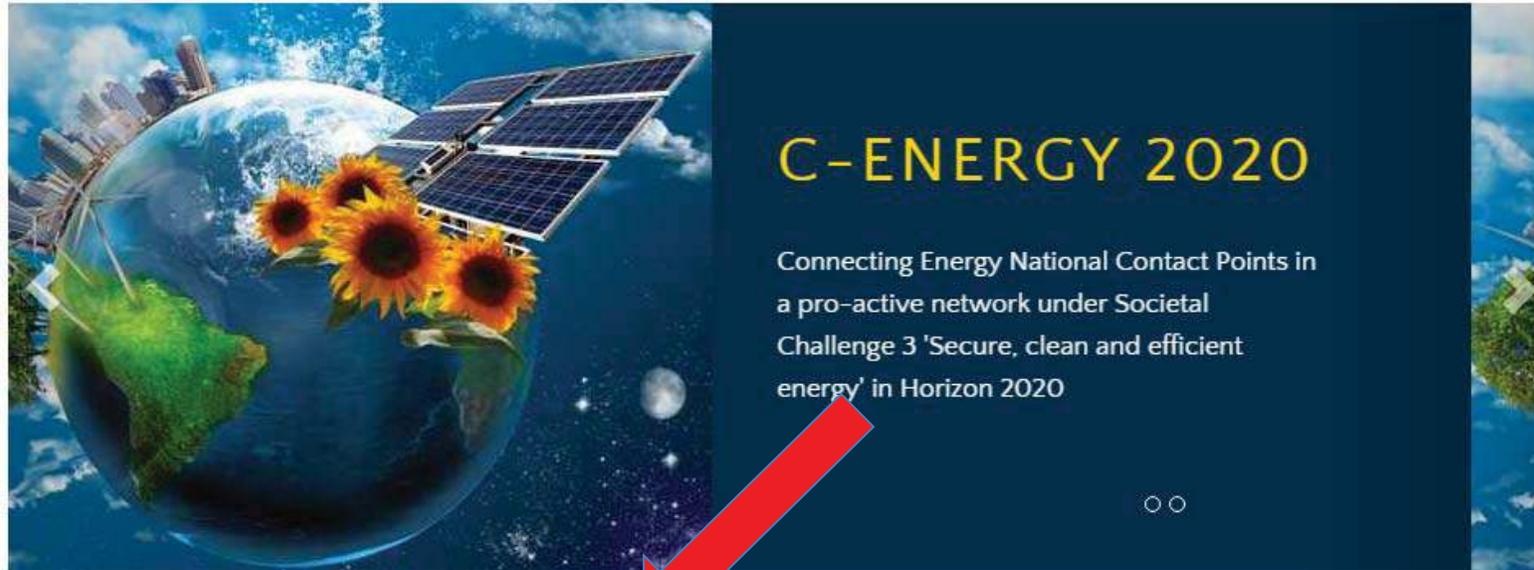
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1	• Projekti idee	-6
2	• Horisont 2020 konkursi avamine	-4
3	• Konsortsiumi moodustamine	-4
4	• Taotluse kirjutamine	-3
5	• Taotluse esitamine	0
6	• Hindamine	+2
7	• Positiivne tulemus	+3
8	• Grandileping, tegevuste algus	+3



Esimene samm: virtuaalse meeskonna loomine

- Pange ühele A4 lehele kirja oma idee või probleem, millele otsite lahendust
- Käige mõttes läbi oma **erialane suhtevõrgustik** ja noppige välja parimad võimalikud kandidaadid
- **Suhelge** iga potentsiaalse meeskonnaliikme/kandidaadiga
- Analüüsige iga võimaliku partneri **tugevusi** ja mõtelge, milline oleks tema **parim roll** projektis
- Kaasake aktiivselt **kõiki** partnereid taotluse ettevalmistamisse
- Kui teid kutsutakse projekti, olge aktiivne, konkreetne ja seiske oma huvide eest!

Esimene samm: virtuaalse meeskonna loomine

➤ Olge oma partnerite suhtes:

- ✓ paindlik
- ✓ nende huve arvestav
- ✓ nende häält kuulav
- ✓ kindlakäeline
- ✓ tähtaegadest kinnipidav

➤ Nõudke oma partneritelt:

- ✓ efektiivsust
- ✓ täpsust
- ✓ konfidentsiaalsust

Järgmine samm: projektitaotluse koostamine

Kolm ülesannet : **koordineerimine, kirjutamine, eelarve koostamine** (2-3 inimest)

Üks partner olgu vastutav laekuva materjali töötlemise eest:

- Valmivat taotluse teksti tuleks saata partneritele võimalikult sageli
- Moodustage töopakettide juhtidest projekti tuumik
- Viidake võimalikult paljudele eelnevatele projektidele, mille kohta suudate hankida infot
- Kirjutamise ajal lugege ikka ja jälle tööprogrammi ja konkursi teksti
- Liikuge üksikult üldisele ja tagasi

Eelarve koostamine:

- erinevused partnerite vahel
- erinevused projekti täitmiseks kulutatavate töötundide vahel
- eelarve jagunemine partnerite vahel
- tasakaal töötundide ja tegeliku rolli vahel!

Põhilised vead

Teaduslik/tehnoloogiline tase (1):

- Ebakonkreetsus
- Üldsõnalisus
- Tulemuste saavutamine ei ole veenev
- Toetuskirjad ei ole seotud taotluse sisuga
- Sihtgrupp/turg pole lahti kirjutatud
- Ei ole arvestatud senitehtuga
- Tööprogrammi olulised punktid on jäänud piisava tähelepanuta

Põhilised vead

Teaduslik/tehnoloogiline tase (2):

- **Projekti lisandväärtus pole selge**
- **Lubatud tegevused/protsessid on lahti kirjutamata**
- **Täiendava rahastuse lubadused on katteta**
- **Planeeritud pilootprojektid on tegelikult juba käimas**

Põhilised vead

Mõju (1):

- Ei arvestata Komisjoni ootustega
- Pole selge, kust on võetud lähteandmed
- Arvutusvead
- Tegevuskava ei veena lubatud eesmärkide saavutamises
- Eeldatakse tulemusi, mis ei ole tõestatavad
- Nõrk info/tulemuste levitamise plaan
- Tegevused ei kõneta loetletud sihtgruppi

Põhilised vead

Mõju (2):

- Puudulik sihtgruppide kaasamise strateegia
- Ebausaldusväärsed lähteandmed
- Ülemäärane optimism (koolitavate hulk, suhtumist muutvate inimeste hulk, saavutatav sääst jmt)
- Pole selge, mis saab projekti tulemustest pärast projekti lõppu

Põhilised vead

Projekti elluviimise kvaliteet ja tõhusus (1):

- Puudulik riskide analüüs/hindamine/maandamise meetmed
- Aja/raha kulu üle- või alahindamine
- Ei ole arvestatud erinevate riikide tegelike palgatasemetega
- Tegevuste/tööpakettide sisuline kattuvus
- Olulise rolliga tegijad ei ole partneritena kaasatud

Põhilised vead

Projekti elluviimise kvaliteet ja tõhusus (2):

- Sisuliselt olulised tegevused on allhangitud
- Tööpakettide vahel puudub loogiline seos
- Konsortsiumi liikmete valik ei ole põhjendatud
- Juhtimine on ebapiisavalt lahti kirjutatud
- Otsuste langetamine ja probleemide lahendamine ei ole lahti kirjutatud
- Ebakõla partnerite kompetentsi ja nendele pandud ülesannete vahel

Miks minna Horisondi projekti?

- Võimalus rahastada investeringule eelnevaid tegevusi, mis võivad tegelikult olla nii aja- kui kulumahukad
- Võimalus omandada uusi teadmisi ja kogemusi, viia ennast kurssi mujal tehtu ja saavutatuga
- Võimalus teha koostööd omasuguste ja endast targematega
- Võimalus arendada oma kogukonda, parandada inimeste elukeskkonda
- Võimalus õppida teiste vigadest





Horisont 2020

Rahastusreeglid

Margit Ilves

2017

Horizon 2020 struktuur

HORIZON 2020		
Tiipsemel teadus	Juhtpositsioon tööstuses	Ühiskonna-probleemid
Euroopa Teadus-nõukogu (ERC)	IKT Nanotehnoloogia Materjalitehnoloogia Biotehnoloogia Tootmistehnoloogia Kosmosetehnoloogia	Tervishoid ja heaolu
Tulevased ja kujunemis-järgus tehnoloogiad		Jätkusuutlik ja säästev toidu tootmine
Marie Skłodowska-Curie nimelised meetmed	Riskikapitali kättesaadavus	Energia
Teadustaristu	Innovatsioon VKE-des	Transport
		Kliima ja keskkond
		Ühiskond
		Turvalisus

Tegevuste tüübid tööprogrammides



Põhifookus:

1. Teadusprojektid
2. Innovatsiooniprojektid
3. Koordineerivad ja toetavad projektid

Rahastusmäärad

	Otsesed kulud	Kaudsed kulud	Kokku
Teadusprojektid			
Koordineerivad ja toetavad projektid	100 %	25 % flat-rate	
Kõik tegevused ja kõik partnerid	100 EUR	25 EUR	125
Innovatsiooniprojektid			
	Otsesed kulud	Kaudsed kulud	Kokku
	70 % (100%)	25 % Ühtne määr (flat-rate)	
Kasumit taotlevad organisatsioonid	70 EUR	17,5 EUR	87,5
Kasumit mitte taotlevad	100 EUR	25 EUR	125

Juriidiline alus:

Kõik Horisont 2020 reeglid baseeruvad EL finantsregulatsioonil (***EU Financial Regulation***) ja osalusreeglitel (***Rules for participation***).

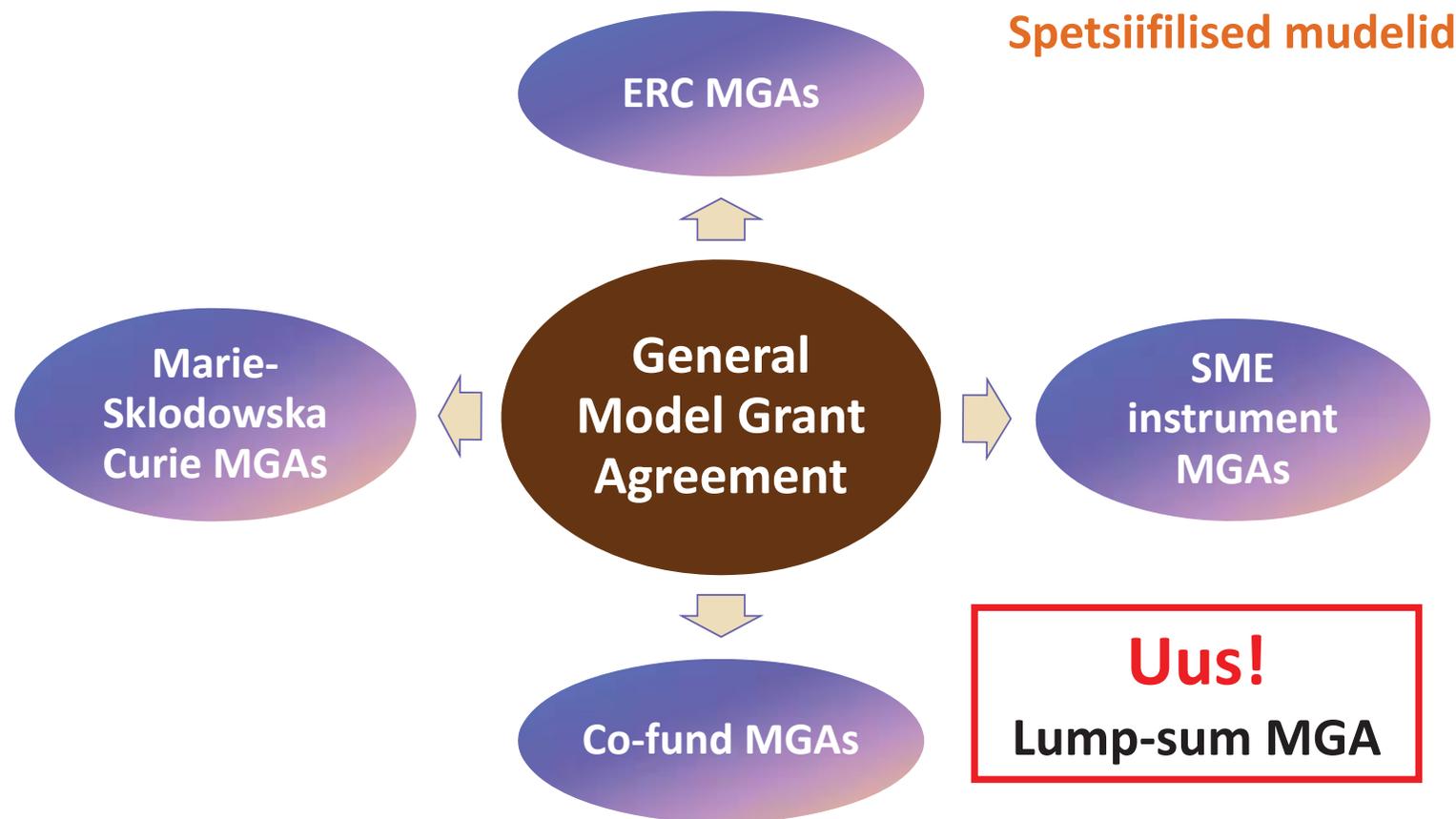
Konkreetsed Horisont 2020 reeglid on kirjas mudel toetuslepingus (***Model Grant Agreement***). Osalejaportaalis leiab ka kommenteeritud mudel grandilepingu, mis on väga põhjalik ja 750 lehekülge pikk.

http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf

Toetusleping

- ✓ Leping partnerite ja rahastaja vahel
- ✓ Määrab ära partnerite õigused ja kohustused
- ✓ Standardne toetusleping
- ✓ Sisaldab projekti tegevuste kirjeldust
- ✓ Hõlmab nii koordinaatorit kui ka teisi projekti partnereid
- ✓ Allkirjastatakse digitaalselt

H2020 kommenteeritud toetusleping, ca 700 lk



H2020 Grandileping

Peatükk 1: Sissejuhatav üldine osa

- lepingu objekti kirjeldus

Peatükk 2: Tegevused

- Elluviidavad tegevused, projekti algus ja kestus, eelarve ja selle umberjagamise võimalused

Peatükk 3: Grant

- granti suurus, kulude hüvitamise määr, lubatud kulud, kolmandate osapoolte kulude hüvitamine, in-kind panused, sanktsioonid

Peatükk 4: Õigused ja kohustused

- üldised kohustused, ressursside haldamine, ostude sooritamine, in-kind panuse kasutamine, allhanked, teadustaristu kasutamine, tulemuslikkuse hindamine
- Granti haldamine, kulu- jm dokumendid, aruandlus, avandd, vahe- ja lõppmaksed, audit
- Partneritele kuuluvad teadmised, projekti jooksul tekkinud uued teadmised, omandi kaitse ja jagunemine, ligipääsu võimaldamine, tulemuste kasutamine, infolevi
- Muu: sooline võrdõusliikus, eetika, huvide konflikt, ohutus ja julgeolek, konfidentsiaalsus

Peatükk 5: Rollide jaotus

- Rollid ja vastutus, konsortsiumisisene töökorraldus (seotud konsortsiumilepinguga)

Peatükk 6: Kärped, karistused, projekti katkestamine jmt.

- Kulude hüvitamisest keeldumine, eelarve kärpimine, tagasimaksed Komisjonile, trahvid
- Maksete peatamine ja tegevuste lõpetamine, force majeure

Peatükk 7: Lõppsätted

- Kommunikatsioon, lepinguga liitumine, lepingu jõustumine, muudatuste tegemine, vaidluste lahendamine

Toetuslepingu struktuur

TINGIMUSED
(*Terms and conditions*)

Lisa 1: **Projektitegevuste kirjeldus**

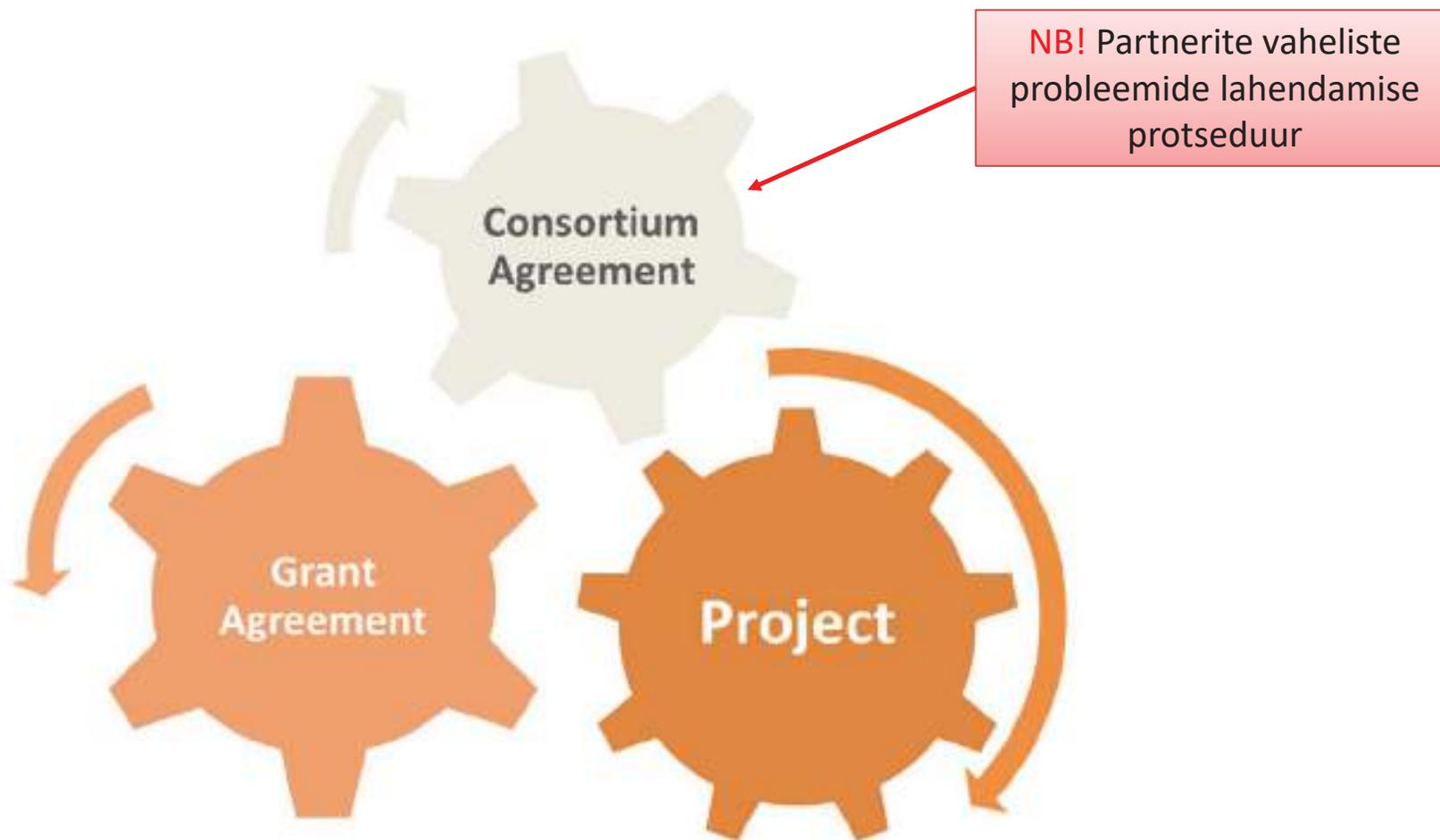
Lisa 2: **Eelarve**

Lisa 3: **Liitumisvormid, 3a ja 3b**

Lisa 4: **Kolmandate osapoolte eelarve**

Lisa 5: **Finantsauditi vorm**

Lisa 6: **Metoodikaauditi vorm**



Lepingud

- Konsortsiumileping – DESCAs mudel

<http://www.desca-2020.eu/>

- IPR Helpdesk

<https://www.iprhelppdesk.eu/services>

<https://www.iprhelppdesk.eu/kb/3261-are-there-any-models-consortium-agreements>

Mudellepingu viimased olulisemad muudatused:

- Art 6.2.A.1 Otsesed personalikulud: uus **lisatasu definitsioon**
- Art 6.2.A.2 **Otselepingud personalikuluna**: fookus nüüd töö iseloomul, mitte lepingu vormil
- Art 6.2.A.5 Uus eelarvekategooria **sisearvete** jaoks: sisearved võivad olla otsese kuluna abikõlblikud
- Art 6.2.E **Kaudsed kulud *operating grantide* hoidjatele**: need võivad olla teatud juhtudel abikõlblikud
- Art 14a Uus kolmanda osapoole tüüp: **rahvusvaheline partner** projekti partnerina, kes **ei saa EL poolset toetust**

Kuidas rahastamine toimub:

- Lubatud kulude hüvitamine
- Kindla maksumääruga hüvitamine (*Flat-rate*) (näiteks Marie Sklodowska Curie tegevused või kaudsed kulud)
- Ühekordne summeeritud väljamakse (*Lump-sum*) (näiteks VKE meede, reisikulud, **lump-sum piloot**)
- Auhinnad

Lubatud kulude tunnused

- Tegelikud
- Tekkinud projekti partneril
- Tekkinud projekti eluea jooksul
- Peavad olema välja toodud projektitegevuste kirjelduses (description of work) ning eelarves
- Vastavad kasusaaja tavapärasele juhtimis ja raamatupidamistavadele, vastavale seadusandlusele
- Kasutatakse vaid projektiga seotud eesmärkide saavutamiseks
- Raamatupidamises kajastatud
- On mõistlikud ja põhjendatud

Mitteabikõlblike kulude tunnused

- Pole taotluses ette nähtud (nt allhange)
- Võlgade teenindamise ja kahjumiga seotud kulud
- Intressikulud
- Valuuta vahetuskurssidega seotud kulud
- Kulud pangateenustele, nt ülekandetasud
- Ülemäärased ja mõtlematud kulud
- Tagastatav käibemaks
- Projekti pikenemisega seotud kulud, nt täiendavate tegevustega seotud kulud, mida pole lepingus ette nähtud
- Topeltrahastamine

Otsesed kulud

Abikõlblikud **otsesed kulud** – kulud, mis on otseselt seotud ja seostatavad projekti tegevuste elluviimisega

- Personalikulud (inimkuu ja inimkuude arv)
- Alltöövõtt (*subcontracting*)
- Materjalid ja seadmed
- Lähetuskulud
- Põhivara (amortisatsiooni kulud)
- Muud otsesed kulud



Other direct costs

Kaudsed kulud

Kulud, mida **saab seostada ka teiste projektide või tegevustega**, näiteks toetava (üld-) personali töötasu, büroo- ja halduskulud.

Neid arvestatakse ja deklareeritakse **fikseeritud osana (25%) otsestest kuludest**, v.a.:

- Alltöövõtt
- Mitterahalised sissemaksed (*in-kind contributions*), mida ei kasutata toetusesaaja ruumides

Personalikulud I

- Tegelikud personalikulud
 - Töölepingud ja töölepinguga võrdväärsed lepingud; seotud organisatsioonide töötajad; nn *in-house* konsultandid
- Ühikuhinnal baseeruvad personalikulud
 - Nt VKE omaniku tasu (EK määratud)

NB! TÖÖAJATABELID
miinimumnõuded lepingus

Personalikulud II - töötajad

- On projekti partneri töötajad, kes on määratud projekti heaks töötama
- Abikõlbulik on nõ tavaline baastöötasu, sh kohustuslikud maksud ja täiendavad tasud (nt tasu tervist kahjustava töö eest, puhkusetasu)
- Spetsiifilised asutuse sisesed kõigile ühtsetel alustel põhitöö eest makstavad tasud, mis ei ole seotud konkreetses projektis osalemisega
- **H2020 projektis** osalemisega seotud täiendavad tasud võivad olla abikõlbulikud täiendava töötasuna

Tunnihinna arvutamine I

”Personalikulu” = registreeritud projektitöö tundide arv *
tunnihind

$$\text{TUNNIHIND} = \frac{\text{Aasta palgafond (v.a. mitteabikõlblikud kulud, Art 6.5 ja täiendav töötasu)}}{\text{Aasta produktiivsed töötunnid}}$$



- 1720 h
- Individuaalsed produktiivsed aasta töötunnid
- Standardsed aasta produktiivsed töötunnid

Tunnihinna arvutamine II

$$\text{TUNNIHIND} = \frac{\text{Kuu palgafond (v.a. mitteabikõlblikud kulud, Art 6.5 ja täiendav töötasu)}}{\text{Kuu produktiivsed töötunnid}}$$



- 1720h (1720 / 12 = 143)
- ~~- Individuaalsed produktiivsed aasta töötunnid~~
- Standardsed aasta produktiivsed töötunnid

Tunnihinna arvutamine III

Uus!

Kui H2020 projektis makstav töötasu on kõrgem, kui nn riiklikes projektides

$$\text{TUNNIHIND} = \frac{\text{Töötasu H2020 projektis}}{\text{Töötunnid H2020 projektis}}$$

Võib olla abikõlblik lisatasuna (*additional rem.*)
8000 EUR lagi

NB!

- Toetuslepingus toodud skeemi kasutamine personalikulude arvutamisel on kohustuslik
- Tööajatabelisse märgitakse ja arvutuste tegemisel kasutatakse tegelikke projektitöö tunde
- Tööajatabelite miinimumnõuded leiab toetuslepingust

Alltöövõtt

- Selliste teenuste, toodete ja tööde sisse ostmine, mis on **GA Annex 1-s kirjas projekti tegevusena**

Näiteks:

- Prototüübi tegemine
- Uuringu läbiviimine
- Analüüside koostamine

Alltöövõtja tunnused:

- Saab tellimuse ja väljastab arve
- Hind sisaldab kasumimarginaali

Alltöövõtt II

Abikõlblikkuse tingimused:

- Parim hinna-kvaliteedi suhe või madalaim hind
- Kooskõlas riiklike reeglitega (hange)
- Tegevus ja hinnanguline maksumus peab olemas kirjas GA Annex 1-s
- Töö toimub lepingu alusel
- Valmisolek auditeerimiseks
- Puudub huvide konflikt

Alltöövõtt III

Oluline silmas pidada:

- Alltöövõtu kulud ei lähe arvesse kaudsete kulude arvestamisel
- Vastutus allhangitavate tööde osas on vastutus täies ulatuses partneril
- Intellektuaalomand, mis luuakse allhangitavate tööde käigus kuulub partnerile
- Tütarettevõtetelt allhankimine on lubatud üksnes erandjuhtudel (nt olemasolev raamleping)
- Partnerite omavaheline allhankimine ei ole lubatud (sama GA raames)

Sisseostetavad teenused

- Selliste teenuste ja tööde sisseostmine, mis ei ole kirjas GA Annex 1-s projekti eraldi tegevusena
- *'Other direct costs'* kulu

Näiteks:

- | | |
|---------------------------|-----------------------|
| - konsultatsioon (nt IPR) | - reisikulud |
| - tõlketeenused | - tarvikud |
| - <i>catering</i> | - <i>konverentsid</i> |
| - printimiskulud/teenused | - patendid |
| - auditikulud | |

Sisseostetavad teenused II

Abikõlblikkuse tingimused:

- Parim hinna-kvaliteedi suhe või madalaim hind
- Koosõlas riiklike reeglitega
- Puudub huvide konflikt

Oluline silmas pidada:

- Kulud lähevad arvesse kaudsete kulude arvutamisel
- Vastutus töö/teenuse eest on partneril
- Teenuslepingud peavad ette nägema, et tekkiv omand kuulub partneritele
- Raamlepingute olemasolul võib neid arvesse võtta

Alltöövõtt vs teenusleping

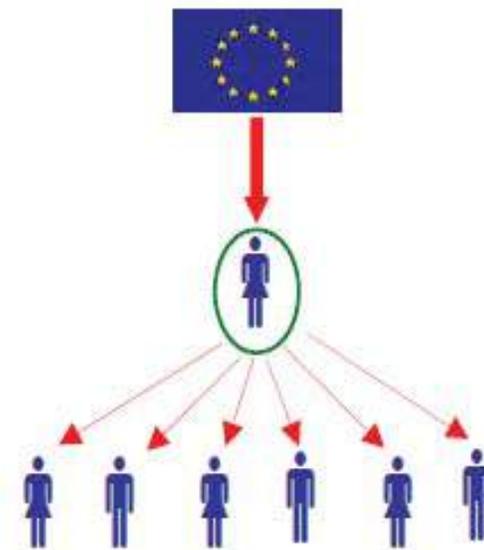
Alltöövõtt	Teenusleping
On seotud otseselt projekti sisuliste tegevustega	Pole otsene tegevus projektis, aga on vajalik otseste tegevuste elluviimiseks partnerite poolt
Peab olema kirjas Annex 1-s	Ei pea olema kirjas Annex 1-s
Deklareeritakse kuluna ' <i>direct costs of subcontracting</i> '	Deklareeritakse kuluna ' <i>other direct costs</i> '
Ei arvestata kaudseid kulusid	25% kaudseid kulusid
Parim hinna-kvaliteedi suhe või parim hind põhimõte Kogu vastutus töö eest lasub partneril	

Maksed

- Ettemakse
- Vahemaksed
- Lõppmakse

→ Artikkel 21 GA (*Payments and payment arrangements*)

→ Jaotatud koordinaatori poolt

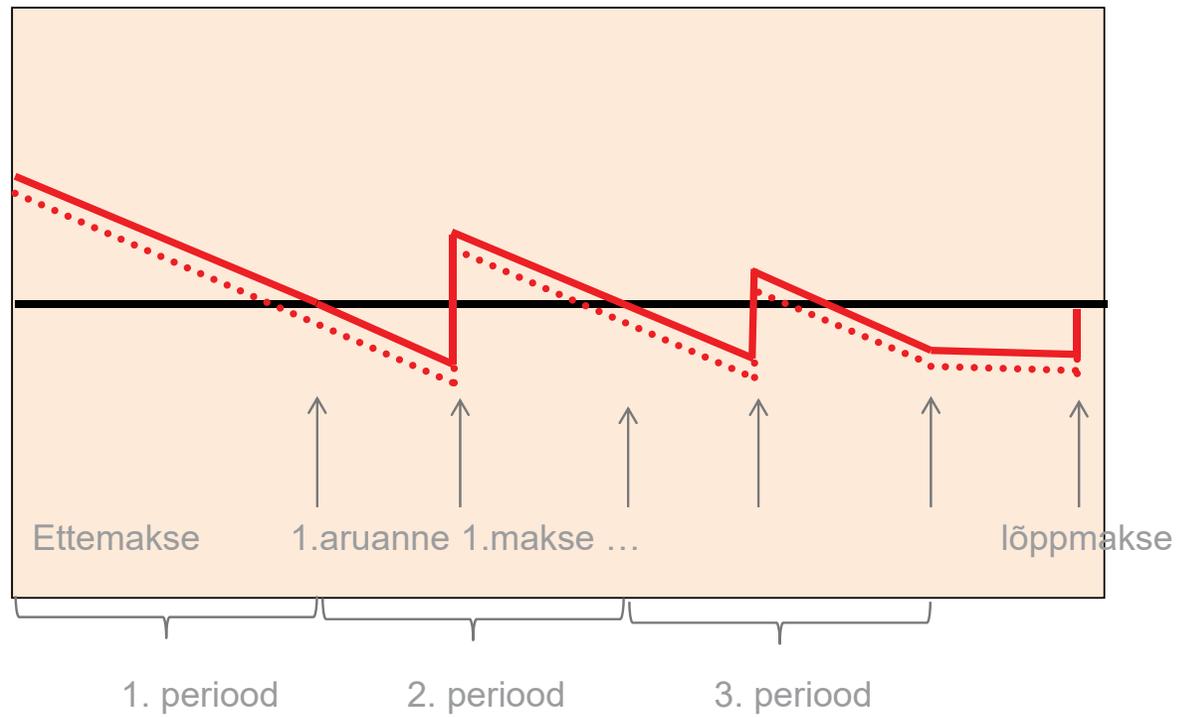


Raha laekumine projekti jooksul

Pre-financing – saabub 30 päeva pärast GA allkirjastamist või 10 päeva enne projektitegevuste algust

- **Ettemaks** katab üldjuhul ära esimese aruandlusperioodi kulud (kaheaastase projekti puhul 60-80% projekti kogukuludest).
- Ettemaksust peab EK kinni **5%** projekti kogutoetusest, mis läheb **garantiifondi**
- Ülejäänud maksed toimuvad vastavalt kulutustele ja eelarvele 90 päeva jooksul peale aruande esitamist
- **Viimane laekumine** peab olema vähemalt **10 %** kogu toetusest ning toimub pärast projekti edukat lõpetamist

Rahavoog



Täiendav info:

- H2020 Annotated Grant Agreement

http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf

- H2020 On-line Manual

http://ec.europa.eu/research/participants/docs/h2020-funding-guide/index_en.htm

- Research Enquiry Service

<http://ec.europa.eu/research/index.cfm?pg=enquiries>

Margit Ilves

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Tel: 731 7352

Kõiki H2020 projekte rahastatakse 100% toetuse
määruga.

Projekti toetuslepingu täitmise eest vastutab
projekti koordinaator.

Toetuslepingu detailid lepitakse kokku
läbirääkimiste käigus.

Heakskiidetud taotlus ja eelarve on grandilepingu
lahutamatud lisad.

Konsortsiumilepingu sõlmimine on vabatahtlik.

Projekti ettevalmistamisega seotud kulud on
abikõlblikud.

Käibemaks ei ole H2020-s abikõlblik.

Alltöövõttu võib projektides planeerida jooksvalt.

Põhivara võib korruga projekti kuludesse kanda.

Kaudseid kulusid ei ole vaja
kuludokumentidega tõestada.

Tööajatabelite miinimumnõuded on kirjas
grandilepingus.

Lõppmakse peab olema vähemalt 15% kogu
toetusest.

4. Writing energy projects for local governments / *Projektikirjutamine kohalikes omavalitsustes*. Maria Habicht (ETAG)



Eesti Teadusagentuur
Estonian Research Council

Horisont 2020 – KOV projektikirjutamise koolitus

Tartu

08.12.2017

Täna:

- Meenutame raamprogrammi põhitõdesid
- Süveneme osalejaportaali
- Käivitame projektitaotluse ettevalmistamise protsessi ja hakkame planeerima projekti tegevusi
- Räägime veel kord rahast ja paneme kokku projekti eelarve
- Otsime partnerit ja teeme erinevaid praktilisi harjutusi 😊
- Kontrollime mälu 😊 😊 😊

Kordamisküsimused:

- **Kuidas nimetatakse 8. raamprogrammi?**
- **Mis on tööprogramm?**
- **Millised on miinimumnõuded konsortsiumile?**
- **Kuidas leida partnereid?**
- **Milline dokument on partnerite vaheliste probleemide lahendamise aluseks?**
- **Mis on kaudsed kulud?**

Osalemise reeglid I

Miinimumtingimused

- **Koostööprojekt** (teadusprojekt)

Vähemalt 3 juriidilist isikut 3 erinevast liikmesriigist või assotsieerunud riigist, kes on üksteisest sõltumatud

- **Euroopa Teadusnõukogu, VKE meetmed,** kaasrahastatavad programmid, koordineerimis- ja toetusmeetmed, koolitused ja mobiilsusprojektid:
1 juriidiline isik liikmes- või assotsieerunud riigist

Tööprogrammides saab kehtestada täiendavaid tingimusi (partnerite arv ja asukoht, välistada teatud riikide osalemine jmt)

Osalemise reeglid II

- Horisont 2020 on avatud kõikidele maailma riikidele
- Erinevatel põhjustel võib välistada teatud riikide osalemise jms - tööprogrammis kirjas!
- Kolmandad riigid saavad rahastuse juhul, kui
 - nende kaasamine on Komisjoni meelest konkreetsetes projektis vajalik ja nende kaasamist soovitatakse tööprogrammis või
 - konkreetse riigi ja Komisjoni vahel on sõlmitud kahepoolne teaduskoostöö leping

Osalevad riigid

- EU 28 + 16 assotsieerunud riiki
- Island
- Norra
- Albaania
- Bosnia and Hertsegovina
- Makedoonia
- Montenegro
- Serbia
- Türgi
- Israel
- Moldova
- Fääri saared
- Šveits
- Ukraina
- Tuneesia
- Gruusia
- Armeenia

Asutuse tüüp

- Akadeemilised ja teadusasutused
- Ettevõtted, klastrid
- **VKE**d
- Riigiasutused
- Organisatsioonid

Rollid konsortsiumis

Koordinaator

- jälgib tegevuskava täitmist
- jälgib eelarvet
- suhtleb Euroopa Komisjoniga

Partner, tööpaketi juht

- vastutab tööpaketi raames toimuva eest

Partner

- vastutab oma ülesannete eest
- annab aru koordinaatorile ja/või tööpaketi juhile
- esitab oma finantsaruande osalejaportaali kaudu

Olulist I

- Hindamiskriteeriumid:
 - teaduslik/tehnoloogiline tase
 - mõju
 - tegevuste kvaliteet ja efektiivsus
- Hinnetele saab kehtestada lävendeid või kasutada kaalukuse koefitsienti
- Komisjon võib kehtestada üldisest erinevaid rahastusmäärasid või määrata nn ühikuhinnad
- Kaheaastased tööprogrammid, viimane on kolmeaastane
- Ühe- või kaheastmeline hindamine
- Komisjon eelistab kaughindamist

Olulist II

- Taotluste on-line vormidel on suunavad küsimused ja tekstimahu piiraja
- 100% paberivaba protsess
- Klassikalisi läbirääkimisi enam ei toimu
- Partneri majanduslikku seisukontrollitakse ainult koordinaatorite puhul, kui eelarve $\geq 500\,000$ €
- Garantiifond 5% eelarvest
- Euroopa Komisjon võib auditeerida teie projekti kuni 2 aastat pärast viimase makse laekumist

Tegevuste tüübid I

- Teadus-ja innovatsioonitegevused (100%)
- Innovatsioonitegevused
 - 70%, 100% kasumit mittetaotlevatele juriidilistele isikutele
- Koordineerimis- ja toetavad tegevused (100%)
- Kaasfinantseeritavate programmide tegevused
 - ERA-NET
 - Kommertsialiseerimise-eelsed hanked (PCP)
 - Innovaatiliste lahenduste hanked (PPI)
 - Marie Skłodowska-Curie meetmed (eraldi tööprogramm)
 - Euroopa ühisprogramm (ainult EURATOMi tööprogrammis)

Tegevuste tüübid II

Muud tegevused:

- VKEde meetmed
- Erinevad rahastusvahendid
- Auhinnad
 - Uute tehnoloogiate väljatöötamise stimuleerimiseks
 - Erainvesteeringute meelitamiseks teadus- ja innovatsioonitegevusse
- Hanked
 - uuringud,
 - konverentsid,
 - erinevad teenused

Horisont 2020 projekti tüübid

Tegevus	Rahastus- määr	Tavaline eelarve
RIA Teadus- ja innovatsioon	100%	3-8 M€
IA Innovatsioon	70%	2-3 M€
CSA Toetavad tegevused	100%	2 M€
Muud instrumendid*	varieeruv	puudub

* VKE instrument, auhinnad, *kommertsialiseerimise-
eelsed hanked*

Horisont 2020 – osalejaportaal

Avalikult kättesaadav info



On this site you can find and secure **funding** for research & innovation projects under the following EU programmes:

- **2014-2020** Horizon 2020 - research and innovation framework programme
- **2007-2013** 7th research framework programme (FP7) and Competitiveness & Innovation

Vajalik taotleda ligipääs

Non-registered users

- search for funding
- read the funding guide & download the legal documents
- check if an organisation is already registered
- contact our support services or check our FAQs

Registered users

- submit your proposal
- sign the grant
- manage your project throughout its lifecycle



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MARIA HABICHT

- My Organisation(s)
- My Proposal(s)
- My Project(s)
- My Notification(s)
- My Expert Area

Parooliga seotud personaalne info



Parooliga sisene mine

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- **2007-2013** 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)
- Research Fund for Coal & Steel, COSME, 3rd Health Programme, Consumer Programme

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- sign the grant
- manage your project throughout its lifecycle
- register as expert advising the Commission

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Horizon 2020

Advanced search for topics
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Societal Challenges

- Health, demographic change and wellbeing
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials
- Europe in a changing world - inclusive, innovative and reflective societies
- Secure societies - protecting freedom and security of Europe and its citizens

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Sort by Call title Call identifier Publication date

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Societal Challenges BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AN ... H2020-LC-SC3-2018-2019-2020 Publication date: 27 October 2017	Societal Challenges EIC Horizon Prize for 'Fuel from the Sun: Artificial Photosynthesis' H2020-Sunfuel-EICPrize-2021 Publication date: 27 October 2017	Societal Challenges Horizon Prize – Low Carbon Energy Inducement Prizes 2016 - PHOTOV ... H2020-LCE-Prizes-2016-02 Publication date: 05 July 2016
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Last name

E-mail

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E-mail language

English (en)

Enter the code



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research requires you to authenticate

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(External)

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Choose your verification method

Password



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<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

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9 teemat avanesid 31. oktoobril 2017
68 teemat avatakse 2018. ja 2019. aasta jooksul

European Statistics Programme

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Internal Security Fund - Police

Justice Programme

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Research of Advanced Studies

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Sort by Call title Call identifier Publication date

Filter a call FILTER

Societal Challenges
BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AN ...
H2070-LC-SC3-2018-2019-2020
Publication date: 27 October 2017

Societal Challenges
EIC Horizon Prize for 'Fuel from the Sun: Artificial Photosynthesis'
H2020-Sunfuel-EICPrize-2021
Publication date: 27 October 2017

Societal Challenges
Horizon Prize – Low Carbon Energy Inducement Prizes 2016 - PHOTOV ...
H2020-LCE-Prizes-2016-02
Publication date: 05 July 2016

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Promotion of Agricultural Products

Research Fund for Coal & Steel

Rights, Equality and Citizenship Programme

Union Civil Protection Mechanism

FP7 & CIP Programmes 2007-2013

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CALL: BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND EFFICIENT ENERGY

Call identifier: H2020-LC-SC3-2018-2019-2020

Publication date: 27 October 2017

Call budget overview



Horizon 2020

Pillar: Societal Challenges

Work Programme Year: H2020-2018-2020

Work Programme Part: Secure, clean and efficient energy

H2020 website

Call summary and aims

+ More

This call includes the contribution of the Horizon 2020 Societal Challenge "Secure, clean and efficient energy" to the focus area "Building a low-carbon, climate resilient future" which underpins the goals of the Paris Agreement and the "Clean Energy for all European" package, including the Communication

Call updates

+ More

- 31 October 2017 00:31 The submission session is now available for: LC-SC3-RES-11-2018(RIA), LC-SC3-RES-4-2018(RIA)
- 31 October 2017 00:31 The submission session is now available for: LC-SC3-JA-4-2018(CSA)

Topics and submission service

To access the **Submission Service**, please **select the TOPIC** of your interest and then open the Submission Service tab.

To access **existing draft proposals**, please login to the portal and select My Proposals from the My Area menu.

Status Forthcoming Open Closed

Sort by (Planned) opening date Deadline Topic title Topic identifier

Topic: LC-SC3-JA-4-2018: Support action in preparation of a Joint Programming activity **Open**

Publication date: 27 October 2017
Focus area: Building a low-carbon, climate resilient future (LC)

Types of action: CSA Coordination and support action
Deadline: 31 January 2018 17:00:00
Opening date: 31 October 2017
Time Zone : (Brussels time)

Topic: LC-SC3-RES-11-2018: Developing solutions to reduce the cost and increase performance of renewable technologies **Open**

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<p>Societal Challenges BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AN ... H2020-LC-SC3-2018-2019-2020 Publication date:27 October 2017</p>	<p>Societal Challenges EIC Horizon Prize for 'Fuel from the Sun: Artificial Photosynthesis' H2020-Sunfuel-EICPrize-2021 Publication date:27 October 2017</p>	<p>Societal Challenges Horizon Prize – Low Carbon Energy Inducement Prizes 2016 - PHOTOV ... H2020-LCE-Prizes-2016-02 Publication date:05 July 2016</p>
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Pilot Projects & Preparatory Actions

Promotion of Agricultural Products

321 Results

Keyword Search:

SEARCH

If you don't find your topic, you can also use the [free text search](#).

Select the Programme
Hold the 'CTRL' key to select several programmes.

H2020

FILTER

Status Forthcoming Open Closed

Sort by (Planned) opening date Deadline Topic title Topic identifier

Topic: [AMIF-2017-AG-INTE-01: Raising Awareness on migrant's contribution to EU Societies](#) Open

Publication date: 26 October 2017

Types of action: AMIF-AG AMIF Action Grant

DeadlineModel: single-stage

Opening date: 21 November 2017 **Deadline:** 01 March 2018 17:00:00

Time Zone : (Brussels time)

Topic: [AMIF-2017-AG-INTE-02: Community Building at local level for integration including through volunteering activities](#) Open

Publication date: 26 October 2017

Types of action: AMIF-AG AMIF Action Grant

DeadlineModel: single-stage

Opening date: 21 November 2017 **Deadline:** 01 March 2018 17:00:00



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 - Pilot Projects & Preparatory Actions
 - Promotion of Agricultural Products
 - Research Fund for Coal & Steel
 - Rights, Equality and Citizenship Programme
 - Union Civil Protection Mechanism

11 Results

Keyword Search: Energy services

Select the Programme

Hold the 'CTRL' key to select several programmes.

H2020

Status Forthcoming Open Closed

Sort by (Planned) opening date Deadline Topic title Topic identifier

Topic: LC-SC3-EC-1-2018-2019-2020: The role of consumers in changing the market through informed decision and collective actions **Forthcoming**

Publication date: 27 October 2017

Focus area: Building a low-carbon, climate resilient future (LC)

Types of action: CSA Coordination and support action

DeadlineModel: single-stage **Deadline:** 03 September 2019 17:00:00

Opening date: 24 January 2019 **Time Zone :** (Brussels time)

Topic: LC-SC3-EC-1-2018-2019-2020: The role of consumers in changing the market through informed decision and collective actions **Forthcoming**

Publication date: 27 October 2017

Focus area: Building a low-carbon, climate resilient future (LC)

Types of action: CSA Coordination and support action

DeadlineModel: single-stage **Deadline:** 04 September 2018 17:00:00

Opening date: 25 January 2018 **Time Zone :** (Brussels time)

Topic: LC-SC3-EE-11-2018-2019-2020: Aggregation - Project Development **Forthcoming**

Publication date: 27 October 2017

Focus area: Building a low-carbon, climate resilient future (LC)

Types of action: CSA Coordination and support action

DeadlineModel: single-stage **Deadline:** 03 September 2019 17:00:00

Opening date: 24 January 2019 **Time Zone :** (Brussels time)

FP7 & CIP Programmes 2007-2013



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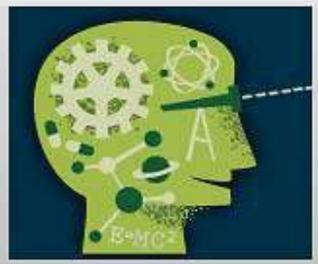
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News

The 3rd Health Programme and the Consumer Programme, managed by the Consumer, Health and Food Executive Agency (CHAFEA), and the Research Fund for Coal and Steel (RFCS) are now using the European Commission's experts database to select experts for assignments including the evaluation of proposals and monitoring of projects. If you are already registered as an expert and wish to also indicate your interest in these programmes, please update your profile by ticking "RFCS (Research Fund for Coal and Steel)" and/or "Third Health Programme (managed by Chafea)" ('Programme Selection' section). New experts registering can indicate their interest in working for any of the programmes listed in the 'Programme Selection' section.



Experts

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Join the database of independent experts for European research and innovation. The European Commission appoints independent experts to assist with research and innovation assignments including the evaluation of proposals, monitoring of projects, and evaluation of programmes, and design of policy.

New experts

Who can be an expert?

You have a chance of being selected as an expert if you:

- have high-level of expertise in the relevant fields of research and innovation (see call for details on type of expertise).
- can be available for occasional, short-term assignments

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What do expert assignments involve?

Experts, as peer reviewers, assist in the:

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In addition, experts assist in the :

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Assignments mainly concern research and innovation, falling within the Horizon 2020 programme designed to address the challenges Europe is facing through funding excellent science, technology and innovation.

Take a look at the most recently funded projects.

Business innovation coaches support SMEs funded via the SME instrument. An expression of interest for

Welcome

 Candidature number
EX2014D216936

 maria.habicht@etag.ee

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My Contracts

0/6 Status Incomplete
[See details](#)

- Personal Details**
- Programme Selection
- Languages
- Education
- Area of Expertise
- Professional Experience

Help

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Profile - Personal Details

Let us know who you are.

 We respect your privacy. You can consult the privacy statements for Experts on the Participant Portal (PP) page covering all the PP data protection and privacy conditions

Title	<input type="text" value="Mr."/>
First name	<input type="text"/>
Family name	<input type="text"/>
Gender	<input type="radio"/> Male <input type="radio"/> Female
Date of birth (dd/mm/yyyy)	<input type="text"/>
Nationality	<input type="text" value="Select..."/>
Second nationality (if applicable)	<input type="text" value="Select..."/>

Contact Details

Let us know how to contact you and where to send any documentation

 e-mail is the main form of communication, although we may need to get in touch by other means.

e-mail address	<input type="text" value="maria.habicht@etag.ee"/>
Street name and number	<input type="text"/>
Town/City	<input type="text"/>
Country	<input type="text" value="Select..."/>
Post code	<input type="text"/>
Phone number 1 (+32123456789)	<input type="text"/>



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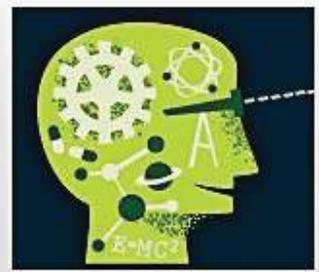
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- APIs

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for European research and innovation. Independent experts to assist with research evaluation of proposals, monitoring of and design of policy.

Expert assignments involve?

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How to participate

H2020 ONLINE MANUAL

The first steps to prepare your proposal and apply for EU research funding. Learn how to find a suitable Call for proposals or project partners and how to submit your proposal.

The following guidance services facilitate your participation:

- **H2020 Online Manual:** step-by-step online guide through the Portal processes from proposal preparation and submission to reporting on your on-going project
- **Reference documents:** library of legal documents, guidance notes, and additional reference material for H2020 and FP7
- **search for already registered organisations and their PICs**
- **Financial viability self-check tool** allows you simulating the financial viability check of your organisation
- **SME participation:** dedicated H2020 guidance page for SME

FIND a call

FIND partners

CREATE your account

REGISTER your organisation

SUBMIT a proposal

1

2

3

4

5

Step 1 - Find a suitable Call for Proposals

H2020 ONLINE MANUAL

The Commission publishes on the Participant Portal all the Calls of its research and innovation programmes H2020, and you can search calls from previous programmes (FP7 and CIP). In addition you can find information about some additional calls in the Other Funding Opportunities section. If you apply for the first time and do not know yet the programmes, it is useful to read the H2020 Online Manual. It helps you choose the most suitable programme for your area and profile. Besides, you can search according to your research topic with key words and set filters in the calls list.

Your National Contact Point can also help you find the most suitable call for your profile. SMEs are in addition supported



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Organisation Search

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REGISTER

Reference Documents

Beneficiary Register

Financial Viability Self-Check

SME Participation

Beneficiary Register

H2020 ONLINE MANUAL

If you want to participate in a project proposal, your organisation needs to be registered and have a **9-digit Participant Identification Code (PIC)**. Please quote your PIC in all correspondence with the Commission

The **register contains all beneficiaries** participating in the EU research and innovation or education, audiovisual and cultural programmes.

Is your organisation already registered? PIC search

Please check whether your organisation has already been registered. If so, no need to register it again.

SEARCH

Register your organisation

To register, you need to **login** in the Portal or, if you are a new user, create your account.

Check what information you need to register in the H2020 Online Manual - **and keep it to hand** during the registration procedure. To start registration, click on the button below.

If your organisation is a Small or Medium-sized Enterprise (SME) you must enter key data on your organisation in a questionnaire that will become accessible during your registration. You selected "Research and Innovation Programme" from the drop down list.

REGISTER ORGANISATION

You can quit the registration process at any time; the data entered can be saved as a draft and you may continue



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REGISTER ORGANISATION

You can quit the registration process at any time; the data entered can be saved as a draft and you may continue



Research & innovation

Participant portal - Beneficiary registration

[European Commission](#) > [Research & Innovation](#) > [Participant Portal](#) > [Beneficiary Register](#)

Welcome

Identification

Organisation

Contact

Summary

Success

Welcome to the Beneficiary's Register

The Registration Wizard will guide you through the process of registration.

✓ Please keep the basic legal information (Registration extract, VAT data) of the organisation at hand so you can fill in the forms quickly and correctly.

✓ The registration process normally takes about 5-10 minutes to complete. The system will automatically save the information provided during registration in case you want to exit the wizard. Your data will be restored the next time you will access the Beneficiary's Register.

✓ At the end, it will assign and display the PIC (Participant Identification Code) of your organisation.



[Next](#) >



Research & innovation

Participant portal – Beneficiary registration

European Commission > Research & Innovation > Participant Portal > Beneficiary Register

Welcome

Identification

Organisation

Contact

Summary

Success

Identification

Please fill in some preliminary information about your organisation required to check if this organisation has already been registered, as well as to identify any existing PIC numbers of similar organisations that could potentially match your request.

Legal name ***Establishment/Registration country *****Registration number****VAT number *** VAT number not applicable**Website**

Projektides osalemise alus – valdkondlik tööprogramm

RESEARCH & INNOVATION

European Commission Participant Portal

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- Justice Programme
- Pilot Projects & Preparatory Actions

Calls for Proposals

Horizon 2020

Advanced search for topics
Calls for tenders on TED

Societal Challenges

- Health, demographic change and wellbeing
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy
- Secure, clean and efficient energy**
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials
- Europe in a changing world - inclusive, innovative and reflective societies
- Secure societies - protecting freedom and security of Europe and its citizens

Status Calls with forthcoming topics Calls with open topics Calls with only closed topics

Sort by Call title Identifier Publication date

Filter a call FILTER

Societal Challenges BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND ... H2070-LC-SC3-2018-2019-2020 Publication date: 27 October 2017	Societal Challenges EIC Horizon Prize for 'Fuel from the Sun: Artificial Photosynthesis' H2020-Sunfuel-EICPrize-2021 Publication date: 27 October 2017	Societal Challenges Horizon Prize – Low Carbon Energy Inducement Prizes 2016 - PHOTOV ... H2020-LCE-Prizes-2016-02 Publication date: 05 July 2016
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RESEARCH & INNOVATION

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- European Statistics Programme
- Hercule III Programme
- Internal Security Fund - Borders
- Internal Security Fund - Police
- Justice Programme
- Pilot Projects & Preparatory Actions
- Promotion of Agricultural Products
- Research Fund for Coal & Steel
- Rights, Equality and Citizenship Programme
- Union Civil Protection Mechanism

FP7 & CIP Programmes 2007-2013

- Calls

CALL: BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND EFFICIENT ENERGY [Call budget overview](#)
 Call identifier: H2020-LC-SC3-2018-2019-2020
 Publication date: 27 October 2017

Horizon 2020 [H2020 website](#)
 Pillar: Societal Challenges
 Work Programme Year: H2020-2018-2020
 Work Programme Part: Secure, clean and efficient energy

Call summary and aims [+ More](#)

This call includes the contribution of the Horizon 2020 Societal Challenge "Secure, clean and efficient energy" to the focus area "Building a low-carbon, climate resilient future" which underpins the goals of the Paris Agreement and the "Clean Energy for all European" package, including the Communication

Call updates [+ More](#)

- 31 October 2017 00:31** The submission session is now available for: LC-SC3-RES-11-2018(RIA), LC-SC3-RES-4-2018(RIA)
- 31 October 2017 00:31** The submission session is now available for: LC-SC3-JA-4-2018(CSA)

Topics and submission service

To access the **Submission Service**, please **select the TOPIC** of your interest and then open the Submission Service tab.

To access **existing draft proposals**, please login to the portal and select My Proposals from the My Area menu.

Status Forthcoming Open Closed

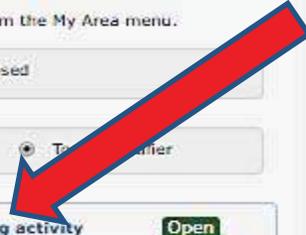
Sort by (Planned) opening date Deadline Topic title Topic identifier

Topic: LC-SC3-JA-4-2018: Support action in preparation of a Joint Programming activity [Open](#)

Publication date: 27 October 2017
Focus area: Building a low-carbon, climate resilient future (LC)

Types of action: CSA Coordination and support action
DeadlineModel: single-stage
Opening date: 31 October 2017 **Deadline:** 31 January 2018 17:00:00
 Time Zone : (Brussels time)

Topic: LC-SC3-RES-11-2018: Developing solutions to reduce the cost and increase performance of renewable technologies [Open](#)



RESEARCH & INNOVATION Participant Portal

European Commission

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- Asylum, Migration and Integration Fund
- Consumer Programme
- CSME
- European Statistics Programme
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- Internal Security Fund - Borders
- Internal Security Fund - Police
- Justice Programme
- Pilot Projects & Preparatory Actions
- Promotion of Agricultural Products
- Research Fund for Coal & Steel
- Rights, Equality and Citizenship Programme
- Union Civil Protection Mechanism

FP7 & CIP Programmes 2007-2013

Calls

Other Funding Opportunities

TOPIC : Developing solutions to reduce the cost and increase performance of renewable technologies

Topic Identifier: LC-SC3-RES-11-2018
Publication date: 27 October 2017
Focus area: Building a low-carbon, climate resilient future (LC)
Types of action: RIA, Research and Innovation action
DeadlineModality: two-stage
Opening date: 31 October 2017
Deadline: 31 January 2018 17:00:00
3rd stage Deadline: 23 August 2018 17:00:00

Horizon 2020
Pillar: Societal Challenges
Work Programme Year: H2020-2018
Work Programme Part: Security and efficient energy
Call : H2020-LC-SC3-RES-11-2018

H2020 website
Call budget overview

Topic Description

Specific Challenge:
Achieving or maintaining global leadership in renewable energy technology requires that the innovative solutions are also affordable. Therefore cost reduction remains a crucial necessity for existing or new

Topic conditions and documents

1. Eligible countries: described in Annex A of the Work Programme.
A number of non-EU/non-Associated Countries that are not automatically eligible for funding have made specific provisions for making funding available for their participants in Horizon 2020 projects. See the

Submission Service

To access the Electronic Submission Service of the topic, please select the **type of action** that is most relevant to your proposal from the list below and click on the **'Start Submission'** button. You will then be asked to confirm your choice of the type of action and topic, as these cannot be changed in the submission system. Upon confirmation you will be linked to the correct entry point.

To access existing draft proposals for this topic, please login to the Participant Portal and select the My Proposals page of the My Area section.

Type of Action	Research and Innovation action (RIA)	START SUBMISSION
Topic	Developing solutions to reduce the cost and increase performance of renewable technologies - LC-SC3-RES-11-2018	

Guidance on proposal submission: [H2020 ONLINE MANUAL](#)

IT Guidance: [HOW TO](#)

EN

Horizon 2020

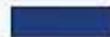
Work Programme 2018-2020

10. Secure, clean and efficient energy

Important notice on the Horizon 2020 Work Programme

This Work Programme covers 2018, 2019 and 2020. The parts that relate to 2019 and 2020 are provided at this stage on an indicative basis. Such Work Programme parts will be decided during 2018 and/or 2019.

(European Commission Decision C(2017)7124 of 27 October 2017)



LC-SC3-RES-4-2018: Renewable energy system integrated at the building scale

Specific Challenge: An increased penetration of renewable energy in the energy mix and the decarbonisation of the heating sector are amongst the most important priorities set in the Energy Union Strategy. To this aim, solutions that integrate several technologies based on one or more renewable energy sources (and their combination with energy storage systems where necessary) should be made available and the highest possible share of renewable energy should be achieved. This integration requires innovative approaches, due consideration of the implications for the user and a proper assessment of the cost-effectiveness.

Scope: Proposal will provide a combination of different renewable energy technologies to cover the highest possible share of electricity, heating and cooling needs of a multi-family residential or commercial or public or industrial building (in the case of the industrial building, the project is not expected to address the energy needs of the industrial process).

The Commission considers that proposals requesting a contribution from the EU of between EUR 2 to 5 million would allow this challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected Impact: The project is expected to develop solutions that will reduce the dependence on fossil fuels for providing electricity, heating and cooling in buildings. Cost competitiveness with traditional solutions is expected to be achieved by 2025 considering also the effect of economies of scale. The proposed solutions will contribute to the achieving the technological targets agreed with the sectorial stakeholders in the context of the SET-Plan.

Type of Action: Research and Innovation action

2019:

Proposals are expected to demonstrate, depending on the scope addressed, the impacts listed below, using quantified indicators and targets wherever possible::

1. Primary energy savings triggered by the project (in GWh/);
2. Investments in sustainable energy triggered by the project (in million Euro);
3. Number of (operational and organisational separated) plant sites (within one industrial park) and the number of industrial parks where businesses commit to energy cooperation;
4. Number of relevant stakeholders (e.g., ESCOs, industrial park managers) aware of and/or interested in/ implementing joint energy services (in hundreds of stakeholders per million Euro of EU funding);
5. Number of policies and legal frameworks created and/ or adapted to facilitate energy cooperation among businesses.

Type of Action: Innovation action, Coordination and support action

Scope: Proposals will address one of the following areas:

1. *Biomass based combined heat and power (CHP)*: Demonstration of technically feasible and cost-effective installation of medium to large-scale CHP through retrofitting of existing fossil-fuel driven CHP or power plants, as such plants are already integrated in the energy grid. Project will address the transformation of existing fossil fuel power plants >10 MW el. to CHP plants with the use of sustainable biomass feedstock.
2. *Geothermal*: Allowing geothermal plants to respond cost-effectively to the heat and to the power demand of the network would facilitate the integration of RES in the energy system. Flexible geothermal units are needed to respond to the demand. In addition, adding to geothermal plants heat storage and/or other auxiliary heat sources (e.g. biomass, solar thermal) to geothermal sources might be important to increase flexibility and allow for better response to variable heat and power demand.

The proposals are expected to bring the technology from TRL 5 to TRL 7-8 (please see part G of the General Annexes).

Tehnoloogilise küpsuse tase - TRL

Tasemed 1 – 4 iseloomustavad varast uurimis- ja arendustegevust

- 1: baasuuringud
- 2: tehnoloogia formuleerimine
- 3: rakendusuuringud
- 4: väikesemahuline prototüüpimine

Tasemed 5 – 8 tähendavad prototüüpimist ja reaalse süsteemi valideerimist töökeskkonnas

- 5: suuremahuline prototüüpimine
- 6: valmis prototüüp
- 7: demo
- 8: kommertsialiseerimisvalmidus

9. Tehnoloogia on valmis ning turule viidud

Scope: The proposal is expected to address one or more of the following aspects:

1. Optimisation of the different components of a renewable heating and cooling system;
2. Development of tools and systems to optimize the design and monitoring of the different components of a heating and cooling system;
3. Development of integrated control systems for the smart operation of a heating and cooling system.

Expected Impact: Proposals are expected to demonstrate the impacts listed below, using quantified indicators and targets wherever possible:

1. Implementation and upscale of economically viable business models, ultimately running without the need for public subsidies. Data evidence made available to market actors. Proof of the replication of these initiatives by other market actors;
2. Availability of adequate financing offer for integrated renovation services;
3. Strong and trustworthy partnerships with local actors (e.g. SMEs, ESCOs, financial institutions, energy agencies, NGOs) and quality of the proposed services recognized by market actors;
4. Development of large, locally-developed investment pipelines for home renovation, connecting the supply of finance with demand for it (in million Euro of investments within the first 5 years);

Mapping and understanding the nature and longevity of emission sources, identification of transport corridors and performing initial impact assessments, and developing local business models for delivery of CO₂ capture, transport, utilisation and/or storage (including the separation of capture, transport, utilisation and storage responsibilities) within promising start-up regions. Industrial clusters may include for example power producers, cement and steel factories, chemical plants, refineries and hydrogen production facilities. A hubs-and-clusters approach could also include the coupling of hydrogen production and CCS, possibly using common infrastructure. The assessment of cost-effective ('bankable') storage capacity in selected regions is a key component of strategic planning, as it will provide additional certainty that the required CO₂ storage capacity will be available when needed. Due attention has to be given to regions with potential for early onshore storage development (including enhanced oil recovery). Close cooperation with industrial players, as well as engagement with local stakeholders, is paramount. This includes identifying and involving relevant end users and societal stakeholders and analysing their concerns and needs using appropriate techniques and methods from the social sciences and humanities.

The Commission considers that proposals requesting a contribution from the EU of between EUR 5 to 6 million would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

In several international contexts such as the Clean Energy Ministerial, the Mission Innovation initiative launched in COP21, the International Energy Agency Implementing Agreement on Smart Grids (ISGAN), bi-lateral discussions between India and the EU identified this topic as being of common interest owing to its potential for decarbonisation. In line with the strategy for EU international cooperation in research and innovation (COM(2012)497), international cooperation is encouraged, in particular with India.

Besides the technical assistance, the Islands Facility will maintain a public, searchable portal with the energy transition plans and project proposals that it has supported and developed, share and spread knowledge and best practices based on a sound and inclusive outreach strategy, with the aim to engage as many islands as possible in the energy transition;

Proposals should foresee to provide support to third parties ('support scheme') as described in part K of the General Annexes of the Work Programme. At least 30% of the budget should be directly allocated for spending to island cities, municipalities or their groupings;

Conditions for the Call - BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND EFFICIENT ENERGY

Opening date(s), deadline(s), indicative budget(s):¹²¹

Topics (Type of Action)	Budgets (EUR million)			Deadlines
	2018	2019	2020	
Opening: 31 Oct 2017				
LC-SC3-JA-4-2018 (CSA)	1.00			31 Jan 2018
LC-SC3-RES-11-2018 (RIA)	30.00			31 Jan 2018 (First Stage)
LC-SC3-RES-4-2018 (RIA)	27.50			23 Aug 2018 (Second Stage)
LC-SC3-RES-12-2018 (IA)	30.00			13 Feb 2018
LC-SC3-RES-13-2018 (IA)	45.00			
LC-SC3-RES-21-2018 (RIA)	25.00			
LC-SC3-RES-28-2018-2019-2020	15.00			

LC-SC3-EE-1-2018-2019-2020, LC-SC3-EE-13-2018-2019-2020, LC-SC3-EC-1-2018-2019-2020, LC-SC3-EE-5-2018-2019-2020	Rules for Participation.
LC-SC3-RES-12-2018	In order to ensure that a balanced portfolio of activities covering different renewable energy technology areas will be supported, the available budget will be firstly allocated to the highest-ranked proposal in each of the a) biomass-based CHP and b) geothermal sub-topics. In a second round, proposals will be selected for funding regardless of the sub-topic and only according to the ranking list.
LC-SC3-RES-13-2018	In order to ensure that a balanced portfolio of activities covering different renewable energy technology areas will be supported, the available budget will be firstly allocated to the highest-ranked proposal in each of the sub-topics. In a second round, proposals will be selected for funding regardless of the sub-topic and only



- **Tööprogrammi ülesehitus vastab hindamiskriteeriumitele**
- **Taotlejatele on jäetud tööprogrammi teksti tõlgendamisel piisavalt paidlikkust ja valikuvabadust**
- **Hoolsa tööprogrammi lugejani peaks jõudma selge sõnum ühiskonna vajadustest ja ootustest**

[Reference Documents](#)[Funding Register](#)[Partner Search](#)[Financial Viability Self-Check](#)[SME Participation](#)

Partner Search

[HOW TO](#)

Find partners for your project ideas among the participants in past EU projects. Enter a keyword or a topic of a past call for proposals, for finding related organisations. Search by geographical criteria or by types of organisation. For more specialised partner search service see Online Manual.

Involvement of the organisation in EU funded programmes

Keyword(s)

Topic

Call

Programme

Organisation details

Organisation name

Organisation type

Country

City

PIC

Captcha code





Sign in

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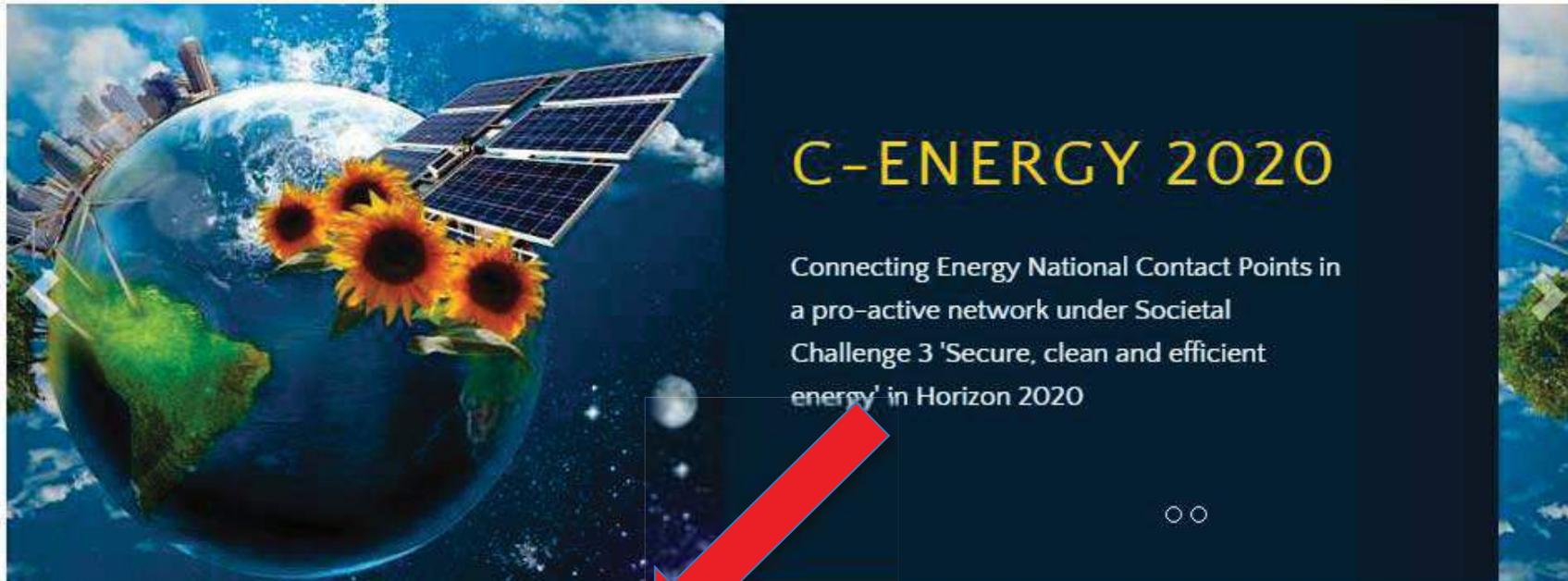
Latest Results in Brief



[Beech and pine trees are better together](#)

2017-11-27

An in-depth study of how pine trees and beech trees interact in European forests can help maintain ecological balance in the face of climate change.



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NEWS & EVENTS

- NEWSROOM
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Horizon 2020 Energy Info Days 2017

Monday, 23 October 2017

The Horizon 2020 Energy Info Days presented the new funding opportunities and innovative schemes offered by Horizon 2020's Work Programme in 2018-2020. Applying for funding is a competitive process, and only the best project proposals will be selected. If you would like to know more about the type of projects we will be looking for, you can listen to the recordings from the event and download presentations.

Agenda

The content of the event was structured across three days:

- Day 1 (Mon, 23 Oct 2017)** introduced the overall policy background and the Horizon 2020 work programme and covers funding opportunities for Global Leadership for Renewables, Decarbonisation of Fossil Fuels and other cross-cutting issues
- Day 2 (Tue, 24 Oct 2017)** guided the participants on Smart Cities & Communities and Energy Systems funding opportunities
- Day 3 (Wed, 25 Oct 2017)** focused on Smart & Efficient Energy funding opportunities

Have a look at the full agenda.

Presentations

All presentations are available for download:

Day 1: Global Leadership for Renewables, Decarbonisation of Fossil Fuels and other cross-cutting issues

Help us improve!

Did you find what you were looking for? *

- Select -



What code is in the image? *

Enter the characters shown in the image.

Submit

<https://ec.europa.eu/inea/en/news-events/events/horizon-2020-energy-info-days-2017>

<https://www.b2match.eu/energycall2018>



Horizon 2020 Energy - Brokerage Event

Calls for Work Programme 2018 - 2020

24 October 2017 | Brussels, Belgium

279 osalejat 34 riigist
1098 profiili



Are you interested in submitting a proposal for "Energy" in Horizon 2020?

GET INVOLVED in the next H2020 Energy Proposals!
A Brokerage Event in the field of Energy Technologies



Business Summit on Your Doorstep



Horizon 2020 Energy - Brokerage Event

Calls for Work Programme 2018 - 2020

24 October 2017 | Brussels, Belgium

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★ Organisation Type

★ Areas of Activity

★ Profile Type

★ Countries



Aalborg University

Denmark, Aalborg
Zhe Chen, Professor, PhD, CEng, Professor

[Show Profile](#)

H2020 Partner Profile

Renewable Energy & Smart Energy Systems. Description of the group Department of Energy Technolo...



Aalborg University, Department of Computer Science

Denmark, Aalborg
Arne Skou, Dr., Associate Professor

[Show Profile](#)

H2020 Partner Profile

Flexible demand/response. The department has expertise from previous European and National proj...



Adana Science and Technology University

Turkey, Adana
Filiz ÖZDİL, Assist. Prof.Dr.,

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RESEARCH & INNOVATION Participant Portal

European Commission

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- Pilot Projects & Preparatory Actions
- Promotion of Agricultural Products
- Research Fund for Coal & Steel
- Rights, Equality and Citizenship Programme
- Union Civil Protection Mechanism

FP7 & CIP Programmes 2007-2013

Calls

Other Funding Opportunities

TOPIC : Developing solutions to reduce the cost and increase performance of renewable technologies

Topic Identifier: LC-SC3-RES-11-2018
Publication date: 27 October 2017
Focus area: Building a low-carbon, climate resilient future (LC)
Types of action: RIA, Research and Innovation action
DeadlineModality: two-stage
Opening date: 31 October 2017
Deadline: 31 January 2018 17:00:00
3rd stage Deadline: 23 August 2018 17:00:00

Horizon 2020
Pillar: Societal Challenges
Work Programme Year: H2020-2018
Work Programme Part: Security and efficient energy
Call : H2020-LC-SC3-RES-11-2018

H2020 website
Call budget overview

Topic Description

Specific Challenge:
Achieving or maintaining global leadership in renewable energy technology requires that the innovative solutions are also affordable. Therefore cost reduction remains a crucial necessity for existing or new

Topic conditions and documents

1. Eligible countries: described in Annex A of the Work Programme.
A number of non-EU/non-Associated Countries that are not automatically eligible for funding have made specific provisions for making funding available for their participants in Horizon 2020 projects. See the

Submission Service

To access the Electronic Submission Service of the topic, please select the **type of action** that is most relevant to your proposal from the list below and click on the **'Start Submission'** button. You will then be asked to confirm your choice of the type of action and topic, as these cannot be changed in the submission system. Upon confirmation you will be linked to the correct entry point.

To access existing draft proposals for this topic, please login to the Participant Portal and select the My Proposals page of the My Area section.

Type of Action	Research and Innovation action (RIA)	START SUBMISSION
Topic	Developing solutions to reduce the cost and increase performance of renewable technologies - LC-SC3-RES-11-2018	

Guidance on proposal submission: [H2020 ONLINE MANUAL](#)

IT Guidance: [HOW TO](#)

Please confirm your choice of the **topic** and **type of action for the call**, as these cannot be changed subsequently in the submission system.

Topic: Developing solutions to reduce the cost and increase performance of renewable technologies - LC-SC3-RES-11-2018

Type of Action: Research and Innovation action [RIA]

Call: BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND EFFICIENT ENERGY

CANCEL

CONFIRM



Step 3

Create a Draft Proposal

H2020-LC-SC3-2018-2019-2020

 USER NAME
Maria HABICHT

 TOPIC
LC-SC3-RES-11-2018

 TYPE OF ACTION
RIA

 DEADLINE (Brussels Local Time)
WED 31 January 2018 17:00:00

 58 days left until closure

Check Config 

[Download Part B Templates](#) 

[Visit our 'How to' user guide](#) 

[Visit our 'H2020 Online Manual'](#) 

Create a Draft Proposal

Please enter the following information to create a draft proposal. Please note that fields marked with a star (*) are **mandatory**.

It is highly recommended to submit your proposal as early as possible and at least 48 hours prior to the deadline of this call. This will avoid being confronted with incompatible local IT configuration settings shortly before the call deadline, when insufficient time would be left to handle it. There is no reason in delaying the submission for confidentiality concerns as the system does not allow any access to the proposals before call deadline or cut-off (other than to selected data that is part of the Submission and Evaluation of Proposals Assent Disclaimer).

You can submit the proposal as many times as you wish up to the deadline. Every submitted version will replace the previously submitted one.

Your organisation

PIC* 

Short name* 

Organisations you have been previously associated with. Click to select.

PIC: 998483760
ETAg
SOOLA 8
TARTU, EE

next >>

Step 3

Create a Draft Proposal

H2020-LCE-2014-2

 Maria Habicht LCE-20-2014 CSAWED
10 September 2014 17:00:00
Brussels Local Time 3 days left until closure

Configuration OK

 You're using Firefox 16 on
Windows. Adobe Reader
(version 10.1.4.38) is
installed. For more information, please
consult the User Guide.

Create a Draft Proposal

Please enter the following information to create a draft proposal. Please note that fields marked with a star (*) are **mandatory**.

Your organisation

PIC* Short name* 

Organisations you have been previously associated with. Click to select.

PIC: 998483760
ETAg
SOOLA 8
TARTU, EE
VAT: n/aSearch for your organisation PIC

Your Role

Please indicate your role in this proposal

 Main contact Contact person

Your Proposal

Please choose an acronym for your proposal. It will appear also in the "General Information" section of the submission form Part A and can also be updated there.

Acronym*

Please restrict acronym to latin characters only

Short Summary (max. 2000 characters)*

Character count

...

Step 3

Create a Draft Proposal

TEST MODE

H2020-SMEINST-2-2014

Maria Habicht

BG-12-2014

SME-2

THU
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32

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For more information, please
consult the [User Guide](#).

Create a Draft Proposal

Please enter the following information to create a draft proposal. Please note that fields marked with a star (*) are **mandatory**.

Your organisation

PIC* Short name*

Organisations you have been previously associated with. Click to select.

Info

In order to apply for this call, your organisation must be registered with the European Commission. If you know the unique 9-digit PIC (Participant Identification Code) of the organisation, enter it directly. If you do not know the PIC, try searching for the organisation using the Search button below. If you still cannot find your organisation you may apply for the PIC using Beneficiary Registry in the Participant Portal. If your organisation was not established/registered in one of the Member States of the EU, you can find further information in the Annex on General Conditions of the Horizon 2020 work programme, in the guidelines on third countries' participation, or in the guidelines on the status of entities from potential Associated Countries valid during the first year of implementation of Horizon 2020.

Contact person

Your Proposal

Please choose an acronym for your proposal. It will appear also in the "General Information" section of the submission form Part A and can also be updated there.

Acronym* Please restrict acronym to latin characters only

Short Summary (max. 2000 characters)*
Character count:

next >>

Projekti kõige olulisem osa on kokkuvõte ehk *abstract*:
selle põhjal määratakse taotlusele hindajad!



Step 3

Create a Draft Proposal

H2020-LCE-2014-2

 Maria Habicht LCE-20-2014 CSAWED
10 September 2014 17:00:00
Brussels Local Time 3 days left until closure

Configuration OK

 You're using Firefox 16 on Windows. **Adobe Reader (version 10,1,4,38) is installed.** For more information, please consult the User Guide.

Create a Draft Proposal

Please enter the following information to create a draft proposal. Please note that fields marked with a star (*) are **mandatory**.

Your organisation

PIC* Short name* 

Organisations you have been previously associated with. Click to select.

PIC: 998483760
ETAg
SOOLA 8
TARTU, EE
VAT: n/aSearch for your organisation PIC

Your Role

Please indicate your role in this proposal

 Main contact Contact person

Your Proposal

Please choose an acronym for your proposal. It will appear also in the "General Information" section of the submission form Part A and can also be updated there.

Acronym*

Please restrict acronym to latin characters

Short Summary (max. 2000 characters)*

Character count

Step 3

Create a Draft Proposal

TEST MODE

H2020-SMEINST-1-2014



Maria Habicht



BG-12-2014-1



SME-1



September 2014 17:00:00
Brussels Local Time



17 days left until closure

Configuration OK



You're using Firefox 16 on Windows. **Adobe Reader (version 10,1,4,38) is installed.**



For more information, please consult the [User Guide](#).

Create a Draft Proposal

Please enter the following information to create a draft proposal. Please note that fields marked with a star (*) are **mandatory**.

Errors

The information you have entered is incomplete or invalid. Please review the following error messages:

An Acronym is required [must contain 20 or fewer Latin alphanumeric characters including Hyphen Underscore and Full stop]

A Short Summary is required is required

SME eligibility warning

This call has specific eligibility criteria: each entity, including the coordinating entity/single applicant must be a small and medium-sized enterprise (SME) according to the Beneficiary Register of the European Commission. If your entity does not fulfil this criterion, you will not be able to proceed with the proposal submission.

The PIC number you have chosen does not fulfil the SME criterion either because the SME status was not defined in the Beneficiary Register and as a result your entity is not considered an SME (case1), or a previous validation result showed that your entity is not an SME (case 2), or the previous validation was done more than 2 years ago (case3).

- Case 1: Please go to the Participant Portal's [Beneficiary Register](#) page to update the data by filling in the SME Questionnaire. Access to this data is given to the person who registered the entity as self-registrant and/or to the Legal Entity Appointed Representative (LEAR) of the entity.
- Case 2: If your entity was validated as 'non-SME', but now you consider that it is an SME, please ask the Legal Entity Appointed Representative (LEAR) of the entity to fill in the SME Questionnaire in the Beneficiary Register.
- Case 3: If your entity was validated as an SME more than 2 years ago, please ask the Legal Entity Appointed Representative (LEAR) of the entity to fill in the SME Questionnaire in the Beneficiary Register.

Read further [guidance](#) about the registration and data update or contact the IT Helpdesk from the Participant Portal.

'For profit' eligibility warning

This call has specific eligibility criteria: your coordinating entity/single applicant must be a for profit entity according to the Beneficiary Register of the European Commission. If your entity was

Step 3

Create a Draft Prop

TEST MODE

NCP_TEST_H2020

Maria Habicht

SEAC-1-2014

RIA

THU December 2020 17:
31 Brussels Local TI

2307 days left until closure

Configuration OK

You're using Firefox
Windows. Adobe Reader
(version 10.1.4.38) is
installed.

For more information
consult the [User Guide](#)

Submission and Evaluation of Proposals Assent Disclaimer

By pressing the following button, you accept the terms and conditions of usage of this site and more specifically :

Proposal pre-registration data

1. Information used for the pre-registration and creation of a draft proposal: Call, topic, type of action; Participant Identification (PIC) code of your Organisation, Acronym, Short Summary, Panels and Keywords. (Step3) and the list of participating organisations (Step4) - can be used by the services in charge for the planning of evaluations.
2. Short Summary describes briefly the purpose of the proposal with a maximum of 2,000 characters. Entering at least keywords will help the services in the planning of the evaluations. Coordinators may choose to enter 'xxx' at this stage should they prefer not disclosing any data. The 'Short summary' information is then copied to the "Abstract" field in the administrative form and can be modified there.

If you do not wish any of your pre-registration data to be available to the European Commission/service in charge prior to call closure then please send an email to the Participant Portal Service Desk (address available at the foot of the screen and in the User Guide).

Part B

3. **File format:** For the Technical Annex (part B) you must use exclusively PDF ("portable document format", compatible with Adobe Acrobat version 5 or higher, with embedded fonts). Annexes might have an obligatory page limit. Please check for the number and type of mandatory or optional annexes for the call in the relevant call documentation. Annexes with excess pages where page limit applies, will receive a watermark upon upload to the system. Users will receive a warning when trying to submit an annex with excess pages.
4. **Time constraints:** Preparation and uploading of the PDF formatted technical annex may take some time. You should ensure that this has been completed in time, well before the call closure deadline.

Submission

5. In order to be made available for evaluation, proposals must be submitted prior to the call closure deadline. Likewise, modifications to proposals or uploaded attachments are also required to be submitted prior to the call closure deadline or they will not be taken into account. Proposals may be submitted or withdrawn at any time prior to the call closure deadline. There is only ever one version of a submitted proposal, as submission over-writes the previous version.

Personal Data

6. We will process personal data in accordance with Regulation No 45/2001 and according to the "notifications of the processing operations" to the Data Protection Officer (DPO) of the Commission/Agency (publicly accessible in the DPO register). Read more on the Legal Notice of the Participant Portal.

Regulation (EC) No 45/2001 of the European Parliament and of the Council of 18 December 2000 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movement of such data (OJ L 8, 12.01.2001, p. 1).

accept

decline

Step 4

Manage Your Related Parties

TEST MODE

NCP_TEST_H2020

Maria Habicht

SEAC-1-20

€ RIA

THU 31 December Brussels

2307 days left until

Acronym ID

Acronym

GREENGRASS

Configuration

You're using Firefox 10 on Windows. **Adobe Reader** (version 10.1.4.38) is installed.

For more information, please consult the [User Guide](#).

Parties

In this step you as coordinator should manage and review the participants of your proposal. Only you as coordinator can edit the elements on this screen.

Note: Your changes will be applied only after you click the "Save changes" button.

Number of participants: 1 [Add Partner](#) ?

Draft proposal GREENGRASS created

Dear Maria Habicht,

You have successfully created draft proposal **GREENGRASS** for the call **NCP_TEST_H2020**.

You can continue editing your proposal now or access it at a later time (before the deadline **2020-12-31 17:00:00 Brussels Local Time**) from [Participant Portal](#) by accessing the [My Proposals](#) tab (<https://ec.europa.eu/research/participants/portal/desktop/en/proposals/index.html>).

An email containing this information has been sent to the email address maria.habicht@etag.ee (which is associated with your ECAS account [nhabimar](#)).

[Continue with this proposal](#)

[Go to My Proposals](#)

next >>

Step 4

Manage Your Related Parties

TEST MODE

NCP_TEST_H2020

Maria Habicht

SEAC-1-2014

RIA

THU 31 December 2020 17:00:00 Brussels Local Time

2307 days left until closure

Acronym ID PIC Contact

Acronym
GREENGRASS

Configuration OK

You're using Firefox 16 on Windows. Adobe Reader (version 10,1,4,38) is installed.

For more information, please consult the User Guide.

Parties

In this step you as coordinator should manage and review the participants of your proposal. Only you as coordinator can edit the elements on this page.

Note: Your changes will be applied only after you click the "Save changes" button.

Number of participants: 1 [Add Partner](#) ?

Consortium eligibility

Call requires at least 3 participant(s) from different EU member states or associated countries, currently you have 1.

1 [Coordinator](#)

[Contact](#) ?

ETAg

Maria Habicht - Main contact

SIHTASUTUS EESTI TEADUSAGENTUUR
SOOLA 8, 51013 TARTU, EE
PIC: 998483760



next >>

Juurdepääsuõigused – taotluse ettevalmistamise protsessis

- Täielik juurdepääs(= koordinaator või partner) või nn read-only õigus (= meeskonna liige) projektiga seotus isikutele
- Õigusi võib muuta kuni taotluse esitamiseni (konkursi sulgumiseni)
- Kõik kontaktisikud saavad ligipääsu ning nende nimed kajastuvad taotluse A osas: Põhikontaktisik kõikide kontaktandmetega; teised isikud vaid oluliste andmetega; teadlased/juhtivteadlased teadlase profiiliga.
- Allkirjaõiguslike esindajate andmeid taotlemise faasis ei nõuta

Rahastusreeglid ja kulude planeerimine

Rahastusmäärad

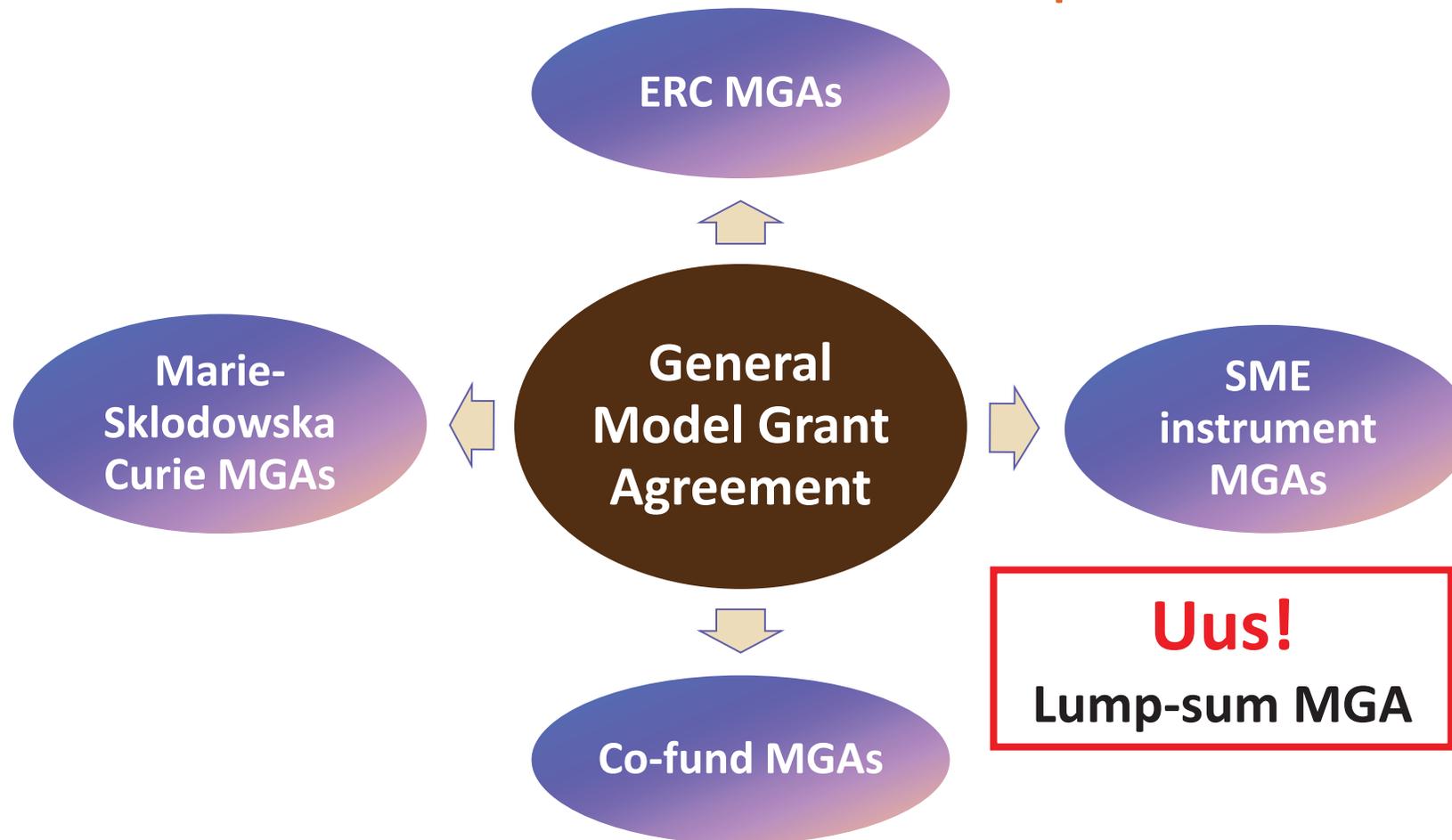
	Otsesed kulud	Kaudsed kulud	Kokku
Teadusprojektid			
Koordineerivad ja toetavad projektid	100 %	25 % ühtne määr	
Kõik tegevused ja kõik partnerid	100 EUR	25 EUR	125
Innovatsiooniprojektid			
	Otsesed kulud	Kaudsed kulud	Kokku
	70 % (100%)	25 % ühtne määr	
Kasumit taotlevad organisatsioonid	70 EUR	17,5 EUR	87,5
Kasumit mitte taotlevad	100 EUR	25 EUR	125

Toetusleping

- ✓ Leping partnerite ja rahastaja vahel
- ✓ Määrab ära partnerite õigused ja kohustused
- ✓ Standardne toetusleping
- ✓ Sisaldab projekti tegevuste kirjeldust
- ✓ Hõlmab nii koordinaatorit kui ka teisi projekti partnereid
- ✓ Allkirjastatakse digitaalselt

H2020 kommenteeritud toetusleping, ca 700 lk

Spetsiifilised mudelid



H2020 Grandileping

Peatükk 1: Sissejuhatav üldine osa

- lepingu objekti kirjeldus

Peatükk 2: Tegevused

- Elluviidavad tegevused, projekti algus ja kestus, eelarve ja selle ümberjagamise võimalused

Peatükk 3: Grant

- granti suurus, kulude hüvitamise määr, lubatud kulud, kolmandate osapoolte kulude hüvitamine, in-kind panused, sanktsioonid

Peatükk 4: Õigused ja kohustused

- üldised kohustused, ressursside haldamine, ostude sooritamine, in-kind panuse kasutamine, allhanked, teadustaristu kasutamine, tulemuslikkuse hindamine
- Granti haldamine, kulu- jm dokumendid, aruandlus, avandd, vahe- ja lõppmaksed, audit
- Partneritele kuuluvad teadmised, projekti jooksul tekkinud uued teadmised, omandi kaitse ja jagunemine, ligipääsu võimaldamine, tulemuste kasutamine, infolevi
- Muu: sooline võrdõusliikus, eetika, huvide konflikt, ohutus ja julgeolek, konfidentsiaalsus

Peatükk 5: Rollide jaotus

- Rollid ja vastutus, konsortsiumisene töökorraldus (seotud konsortsiumilepinguga)

Peatükk 6: Kärped, karistused, projekti katkestamine jmt.

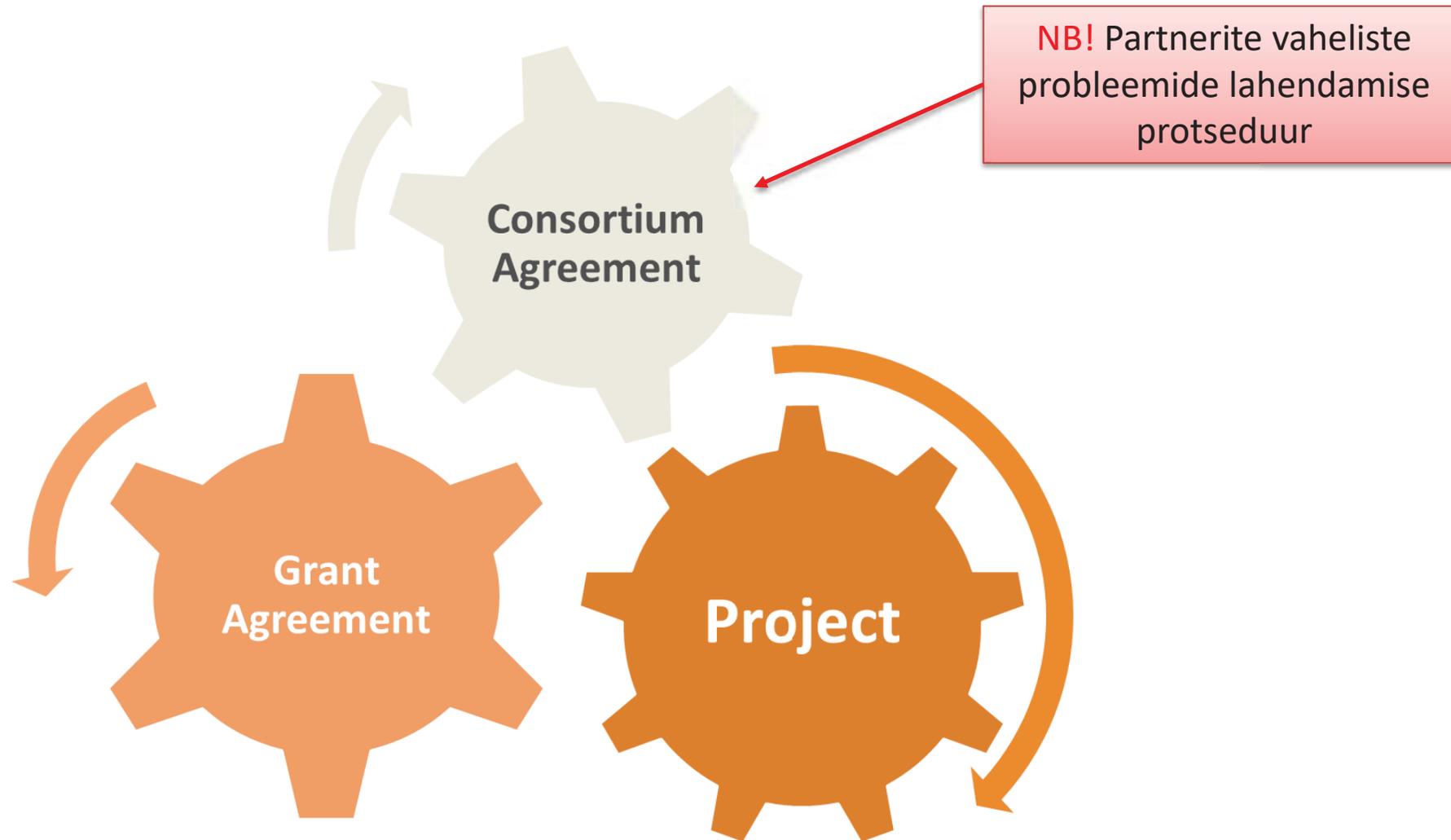
- Kulude hüvitamisest keeldumine, eelarve kärpimine, tagasimaksed Komisjonile, trahvid
- Maksete peatamine ja tegevuste lõpetamine, force majeure

Peatükk 7: Lõppsätted

- Kommunikatsioon, lepinguga liitumine, lepingu jõustumine, muudatuste tegemine, vaidluste lahendamine

Toetuslepingu struktuur





Lubatud kulude tunnused

- Tegelikud
- Tekkinud projekti partneril
- Tekkinud projekti eluea jooksul
- Peavad olema välja toodud projektitegevuste kirjelduses (description of work) ning eelarves
- Vastavad kasusaaja tavapärasele juhtimis ja raamatupidamistavadele, vastavale seadusandlusele
- Kasutatakse vaid projektiga seotud eesmärkide saavutamiseks
- Raamatupidamises kajastatud
- On mõistlikud ja põhjendatud

Mitteabikõlblike kulude tunnused

- Pole taotluses ette nähtud (nt allhange)
- Võlgade teenindamise ja kahjumiga seotud kulud
- Intressikulud
- Valuuta vahetuskurssidega seotud kulud
- Kulud pangateenustele, nt ülekandetasud
- Ülemäärased ja mõtlematud kulud
- Tagastatav käibemaks
- Projekti pikenemisega seotud kulud, nt täiendavate tegevustega seotud kulud, mida pole lepingus ette nähtud
- Topeltrahastamine

Otsesed kulud

Abikõlblikud **otsesed kulud** – kulud, mis on otseselt seotud ja seostatavad projekti tegevuste elluviimisega

- Personalikulud (inimkuu ja inimkuude arv)
- Alltöövõtt (*subcontracting*)
- Materjalid ja seadmed
- Lähetuskulud
- Põhivara (amortisatsiooni kulud)
- Muud otsesed kulud

} *Other direct costs*

Kaudsed kulud

Kulud, mida **saab seostada ka teiste projektide või tegevustega**, näiteks toetava (üld-) personali töötasu, büroo- ja halduskulud.

Neid arvestatakse ja deklareeritakse **fikseeritud osana (25%) otsestest kuludest**, v.a.:

- Alltöövõtt
- Mitterahalised sissemaksed (*in-kind contributions*), mida ei kasutata toetusesaaja ruumides

Personalikulud I

- Tegelikud personalikulud
 - Töölepingud ja töölepinguga võrdväärsed lepingud; seotud organisatsioonide töötajad; nn *in-house* konsultandid
- Ühikuhinnal baseeruvad personalikulud
 - Nt VKE omaniku tasu (EK määratud)

NB! TÖÖAJATABELID

miinimumnõuded lepingus

Personalikulud II - töötajad

- On projekti partneri töötajad, kes on määratud projekti heaks töötama
- Abikõlbulik on nõ tavaline baastöötasu, sh kohustuslikud maksud ja täiendavad tasud (nt tasu tervist kahjustava töö eest, puhkusetasu)
- Spetsiifilised asutuse sisesed kõigile ühtsetel alustel põhitöö eest makstavad tasud, mis ei ole seotud konkreetses projektis osalemisega
- **H2020 projektis** osalemisega seotud täiendavad tasud võivad olla abikõlbulikud täiendava töötasuna

Tunnihinna arvutamine I

”Personalikulu” = registreeritud projektitöö tundide arv *
tunnihind

$$\text{TUNNIHIND} = \frac{\text{Aasta palgafond (v.a. mitteabikõlblikud kulud, Art 6.5 ja täiendav töötasu)}}{\text{Aasta produktiivsed töötunnid}}$$



- 1720 h
- Individuaalsed produktiivsed aasta töötunnid
- Standardsed aasta produktiivsed töötunnid

Tunnihinna arvutamine II

$$\text{TUNNIHIND} = \frac{\text{Kuu palgafond (v.a. mitteabikõlblikud kulud, Art 6.5 ja täiendav töötasu)}}{\text{Kuu produktiivsed töötunnid}}$$

- 1720h (1720 / 12 = 143)
- ~~- Individuaalsed produktiivsed aasta töötunnid~~
- Standardised aasta produktiivsed töötunnid

Tunnihinna arvutamine III

Uus!

Kui H2020 projektis makstav töötasu on kõrgem, kui nn riiklikes projektides

$$\text{TUNNIHIND} = \frac{\text{Töötasu H2020 projektis}}{\text{Töötunnid H2020 projektis}}$$

Võib olla abikõlblik lisatasuna (*additional rem.*)
8000 EUR lagi

NB!

- Toetuslepingus toodud skeemi kasutamine personalikulude arvutamisel on kohustuslik
- Tööajatabelisse märgitakse ja arvutuste tegemisel kasutatakse tegelikke projektitöö tunde
- Tööajatabelite miinimumnõuded leiab toetuslepingust

Alltöövõtt

- Selliste teenuste, toodete ja tööde sisse ostmine, mis on **GA Annex 1-s kirjas projekti tegevusena**

Näiteks:

- Prototüübi tegemine
- Uuringu läbiviimine
- Analüüside koostamine

Alltöövõtja tunnused:

- Saab tellimuse ja väljastab arve
- Hind sisaldab kasumimarginaali

Alltöövõtt II

Abikõlblikkuse tingimused:

- Parim hinna-kvaliteedi suhe või madalaim hind
- Kooskõlas riiklike reeglitega (hange)
- Tegevus ja hinnanguline maksumus peab olema kirjas GA Annex 1-s
- Töö toimub lepingu alusel
- Valmisolek auditeerimiseks
- Puudub huvide konflikt

Sisseostetavad teenused

- Selliste teenuste ja tööde sisseostmine, mis ei ole kirjas GA Annex 1-s projekti eraldi tegevusena
- *'Other direct costs'* kulu

Näiteks:

- konsultatsioon (nt IPR)
- tõlketeenused
- *toitlustamine*
- printimiskulud/teenused
- auditikulud
- reisikulud
- tarvikud
- *konverentsid*
- patendid

Sisseostetavad teenused II

Abikõlblikkuse tingimused:

- Parim hinna-kvaliteedi suhe või madalaim hind
- Kooskõlas riiklike reeglitega
- Puudub huvide konflikt

Oluline silmas pidada:

- Kulud lähevad arvesse kaudsete kulude arvutamisel
- Vastutus töö/teenuse eest on partneril
- Teenuslepingud peavad ette nägema, et tekkiv omand kuulub partneritele
- Raamlepingute olemasolul võib neid arvesse võtta

Alltöövõtt vs teenusleping

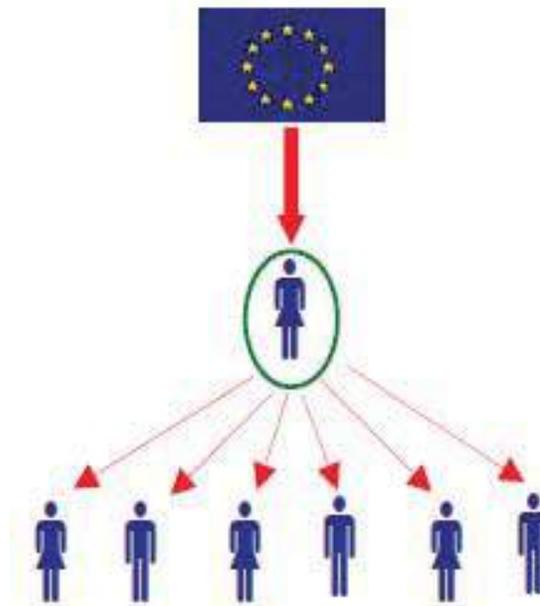
Alltöövõtt	Teenusleping
On seotud otseselt projekti sisuliste tegevustega	Pole otsene tegevus projektis, aga on vajalik otseste tegevuste elluviimiseks partnerite poolt
Peab olema kirjas Annex 1-s	Ei pea olema kirjas Annex 1-s
Deklareeritakse kuluna ' <i>direct costs of subcontracting</i> '	Deklareeritakse kuluna ' <i>other direct costs</i> '
Ei arvestata kaudseid kulusid	25% kaudseid kulusid
Parim hinna-kvaliteedi suhe või parim hind põhimõtte Kogu vastutus töö eest lasub partneril	

Maksed

- Ettemakse
- Vahemaksed
- Lõppmakse

→ Artikkel 21 GA (*Payments and payment arrangements*)

→ Jaotatud koordinaatori poolt

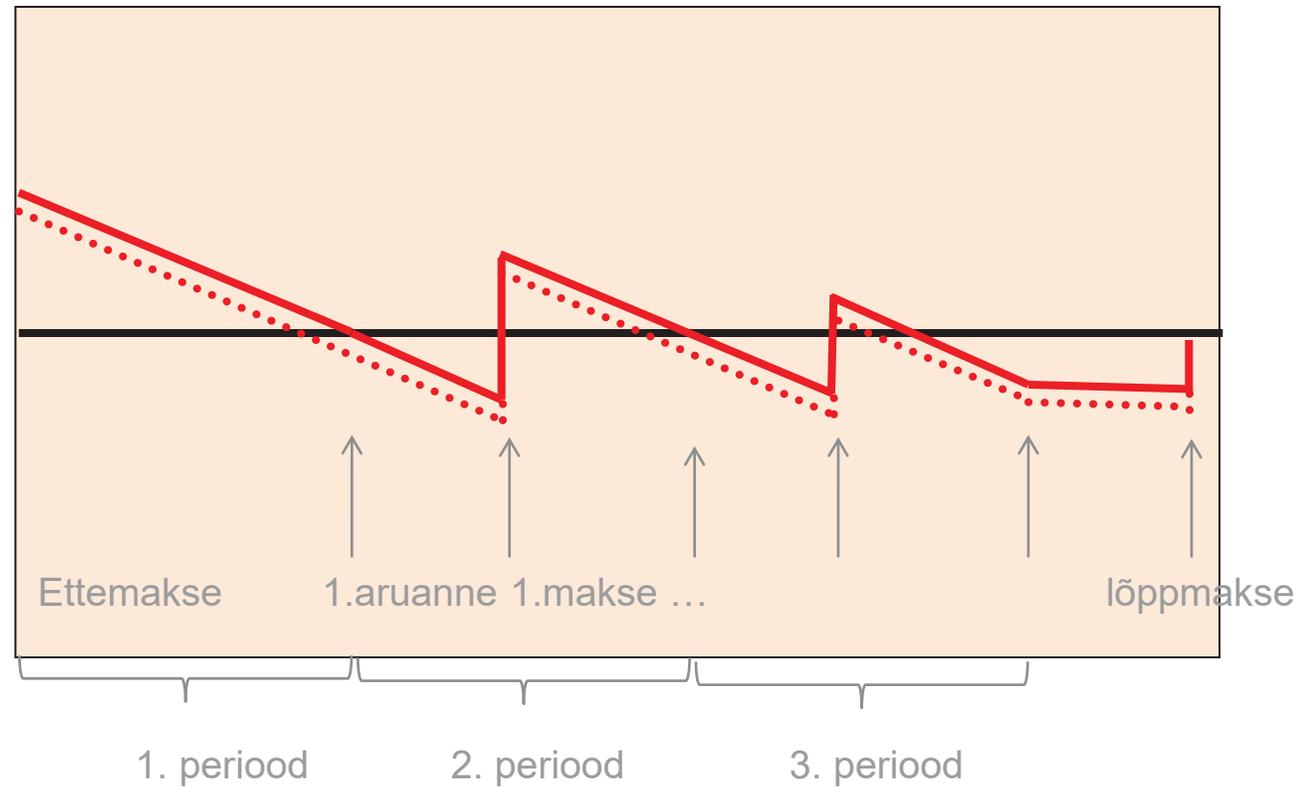


Raha laekumine projekti jooksul

Avansiline makse – saabub 30 päeva pärast GA allkirjastamist või 10 päeva enne projektitegevuste algust

- **Ettemaks** katab üldjuhul ära esimese aruandlusperioodi kulud (kaheaastase projekti puhul 60-80% projekti kogukuludest).
- Ettemaksust peab EK kinni **5%** projekti kogutoetusest, mis läheb **garantiifondi**
- Ülejäänud maksed toimuvad vastavalt kulutustele ja eelarvele 90 päeva jooksul peale aruande esitamist
- **Viimane laekumine** peab olema vähemalt **10 %** kogu toetusest ning toimub pärast projekti edukat lõpetamist

Rahavoog



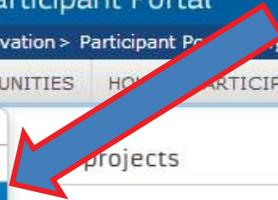


Participant Portal

European Commission > Research & Innovation > Participant Portal > My Projects

MY AREA HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE EXPERTS SUPPORT Search PP MARIA HABICHT

- My Organisation(s)
- My Proposal(s)
- My Project(s)**
- My Notification(s)
- My Expert Area



My projects

FP7 REF. DOCS

H2020 ONLINE MANUAL

This page enables you to access all your projects that have been selected and approved for funding.

Depending on your roles, you can view or manage the following project-related tasks:

- [Prepare and sign your grant agreement](#)
- [Submit amendments to your grant agreement](#)
- [Manage your scientific and financial reports](#)
- [View or manage roles and access rights in your projects consortia](#)

Projektide andmed koos abstrakti ja osalejate nimekirjaga

All list of your organisation projects, please go to **My Organisations**. If you can only view the list of projects in which their organisation is the main contact, your organisation main contact for this project or the project details. For more details see the [H2020 online manual](#).

Legend

- AA Access Amendment
- GP Grant Preparation
- MP Manage Projects
- FR Financial Reporting
- PR Periodic Reporting
- RD Reporting & Deliverables
- PC Project Consortium
- VP View Proposal

Show 10 entries EXCEL Search:

ACRONYM	CALL	PROG	PROJECTID	ROLES	PHASE	ACTIONS
C-ENERGY +	FP7-ENERGY-2009-3	FP7	241325	PC	Grant Management	FR RD
C-ENERGY 2020	H2020-LCE-2014-4	H2020	641003	PC	Grant Preparation	VP MP
ENV-NCP-TOGETHER	FP7-ENV-2007-1	FP7	212494	PC	Grant Management	FR RD
ETNA PLUS	FP7-TPT-2012-RTD-1	FP7	314201	PC	Grant Management	FR RD

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- View or manage roles and access rights in your projects consortia

FP7 REF. DOCS H2020 ONLINE MANUAL

If you are LEAD and click on the...
involved. If you...
Coordinator ha...

**Juurdepääs erinevatele projekti
elluviimisega seotud vahenditele**

- AA = Access Amendment**
- GP = Grant Preparation**
- MP = Manage Projects**
- FR = Financial Reporting**
- PR = Periodic Reporting**
- RD = Reporting & Deliverables**
- VP = View Proposal**

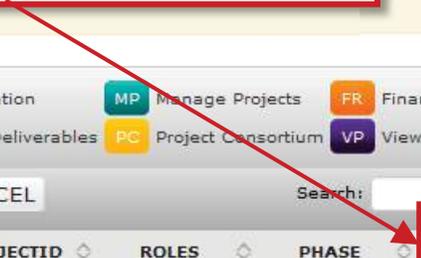
Legend

- AA Access Amendment
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- PC Project Consortium
- VP View Proposal

entries EXCEL Search:

CALL	PROG	PROJECTID	ROLES	PHASE	ACTIONS
FP7-ENERGY-2009-3	FP7	241325	PC	Grant Management	FR RD
H2020-LCE-2014-4	H2020	641003	PC	Grant Preparation	VP MP
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MARIA HABICHT

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ETNA PLUS	FP7-TPT-2012-RTD-1	FP7	314201	PC	Grant Management	FR RD

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Project Information
General

Project Acronym : C-ENERGY +
 Contract number : Agreement No. 4 (Proposal Version 1.0)
 Funding Scheme : Coordination and support action
 Call Identifier : FP7-ENERGY-2009-3
 Start Date (dd/mm/yyyy) : 01/02/2010

Contract No : 241323
 Framework : FP7
 Sub-Funding Scheme : Coordinating action
 End date (dd/mm/yyyy) : 31/12/2012

Details

Reporting Period : no. 2 (from 30/03/2011 - to 30/04/2012)

Form C
Beneficiary

Contractor's Legal Name : SIHTAGIUS ESTE TEADUSAGENTUUR
 Short Name : ETAG
 Comment :

Participant Identity Code : 888483748
 Beneficiary No. : 22

Keep items used

Selected Cost Method : Standard Flat Rate
 Flat Rate for Indirect Costs % : 20

1. Declaration of eligible costs/keep items/flat-rate/scale of unit (in €)

Eligible costs (in €)	Type of activities					Total (C1+C2+C3+C4+C5)
	ITE (C1)	Investment (C2)	Costs for the IP (C3)	Management (C4)	Other (C5)	
Personnel costs			0.00			0.00
Subcontracting						0.00
Other direct costs						0.00
Indirect costs			0.00			0.00
Keep items / flat-rate / scale of unit declared						0.00
Total			0.00			0.00
Maximum EU Contribution	0.00	0.00	0.00	0.00	0.00	0.00
Requested EU contribution						0.00

2. Declaration of Receipt (in €)

Did you receive any financial benefits or contributions in kind, free of charge from third parties?
 Or did the project generate any income which could be considered a receipt according to Art.15.1.7 of the grant agreement?

Form C Editor - Mobile Preview

https://vutiga.ee/.../FormC/ViewContent.aspx?ContentId=...&ContentId=...

Coordinator

Project Information

Project Name:	U-2020-1-1	Contract No.:	241225
Contract version:	Amendments No. 8 (Project version 8)	Framework:	HR
Funding Scheme:	Coordinating and support action	Sub-Funding Scheme:	Coordinating action
Call number:	ERC-2020-1-000000	Start Date (EU/HR/FP7/FP8):	01/11/2013
Start Date (EU/HR/FP7/FP8):	01/11/2013	End Date (EU/HR/FP7/FP8):	31/12/2022

Reporting Period: no. 2 From: 01/01/2022 To: 30/06/2022

Form C

Coordinator

Contractor's legal name:	STARTUPPER WEST TECHNOLOGIES LTD	Project code:	24
Street name:	27/00	Contract start date:	01/11/2013
Contract:		Contract end date:	31/12/2022
Contract start date:	01/11/2013	Contract end date:	31/12/2022

3. Description of eligible costs (from cost categories/Code of and Date)

Coordination / Support/Personnel costs		
Cost	Explanation	Work Package
€ 0.00		
€ 0.00	TOTAL	

Category	Cost	Value	Percentage	Percentage	Percentage	Percentage
Personnel costs			0.00			0.00
Coordination costs			0.00			0.00
Other direct costs			0.00			0.00
Personnel costs			0.00			0.00
Other indirect Personnel costs (if any declared)			0.00			0.00
Total			0.00			0.00
Personnel EU Contribution	0.00	0.00	0.00	0.00	0.00	0.00
Personnel HR Contribution						0.00

6. Breakdown of Receipts (if any)

Did you receive any EU contributions in accordance with Article 187 of the basic Regulation? (If not, the amount received was zero and should be recorded as received amount according to Article 187(1) of the basic Regulation.)

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Legend



Access Amendment



Grant Preparation



Manage Projects



Financial Reporting



Periodic Reporting



Reporting & Deliverables



Project Consortium



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RESEARCH & INNOVATION

Participant Portal - Grant Management - Scientific Reporting

PM Home > Project Management > Select report >

You are logged in

Maria HÄRJOYT
 [Tehet1234]

13/10/2024

Menu

- Project Fee
- Reports
- Call variables
- Publications
- Journal Request
- Communication Activities
- Diagrams
- Exportable Participants
- Close window

Select Report

Please choose one of the following:

- Create a new report by clicking the button 'Create New Report'.
- Edit an existing report by clicking the link in the column 'Edit report' of the table 'Intermediate Reports' for target Report.
- Delete an existing report by clicking the link in the column 'Delete' of the table 'Intermediate Reports' for target Report.

Subtask: 034 - Coordination and support activities

Project Information: 04328

Submission type: Regular submission

Username: Tehet1234

Report type:

Participant:

Reporting Period:

Intermediate Reports

Username	Participant Index	Form name	Period	Date created	Date last updated	Status	Comment	Delete	Edit
Create New Report									

Submitted Reports

Report status:

Username	Participant Index	Form name	Submission type	Period	Date submitted	Date received	Status	Comment	ARR Reg. #	Revised/Approved	Rejected
Maria HÄRJOYT	All	Periodic Report	Regular	4	25/10/2024 18:49:03 CDT		Submitted		ARR2024022103	ARR2024022103	-
Maria HÄRJOYT	All	Periodic Report	Regular	3	24/07/2023 13:45:07 CDT		Submitted		ARR20230221025	ARR20230221025	-
Maria HÄRJOYT	All	Periodic Report	Regular	4	26/10/2023 12:18:53 CDT		In review		ARR20230221021	ARR20230221021	-
Maria HÄRJOYT	All	Periodic Report	Regular	2	30/09/2022 18:08:19 CDT		Submitted		ARR20220221024	ARR20220221024	-

RIA :

https://ec.europa.eu/research/participants/submission/manage/secure/createdraft?preregvalue=S EAC-1-2014&preregtype=Topic&callId=NCP_TEST_H2020&submissionSessionId=4621&step=2

IA :

https://ec.europa.eu/research/participants/submission/manage/secure/createdraft?preregvalue=I CT-01-2014&preregtype=Topic&callId=NCP_TEST_H2020&submissionSessionId=4613&step=2

CSA :

https://ec.europa.eu/research/participants/submission/manage/secure/createdraft?preregvalue=MG-1.6-2014&preregtype=Topic&callId=NCP_TEST_H2020&submissionSessionId=4615&step=2

PCP (IN) :

https://ec.europa.eu/research/participants/submission/manage/secure/createdraft?preregvalue=P HC-27-2015&preregtype=Topic&callId=NCP_TEST_H2020&submissionSessionId=4623&step=2

PPI (OUT) :

https://ec.europa.eu/research/participants/submission/manage/secure/createdraft?preregvalue=P HC-29-2015&preregtype=Topic&callId=NCP_TEST_H2020&submissionSessionId=4624&step=2

5. Biomethane as transport fuel / *Biometaan transpordikütusena*

- Green gas as transport fuel / *Rohegaas transpordikütusena*. Timo Tatar (MKM)
- European view on biomethane / *Euroopa vaade biometaanile*. Siim Meeliste
- Biomethane in transport sector. *Biometaan transpordisektoris*. Siim Umbleja (KIK)
- Gas origin certificates and subsidies for biomethane producers / *Gaasi päritolununnituste register ja toetused biometaani tootjatele*. River Tomera (Elering)
- Different gases as transport fuel / *Gaasidest autokütustena, biogaasi ja –metaani tootmisest*. Ahto Oja (EBA)
- Biomethane (CBM) and compressed gas (CBM + CNG) / *Biometaan (CBM) ja surugaas (CBM + CNG)*. Raul Kotov (Eesti Gaas)
- MAN buses and trucks / *MAN bussid ja veokid*. Andres Mängel (Keil M.A., MAN bussid)
- Management of CNG cars / *Surugaasiautode hooldusest*. Kristjan Relvik (Gaznet)



MAJANDUS- JA
KOMMUNIKATSIOONI-
MINISTEERIUM

Rohegaas transpordikütusena

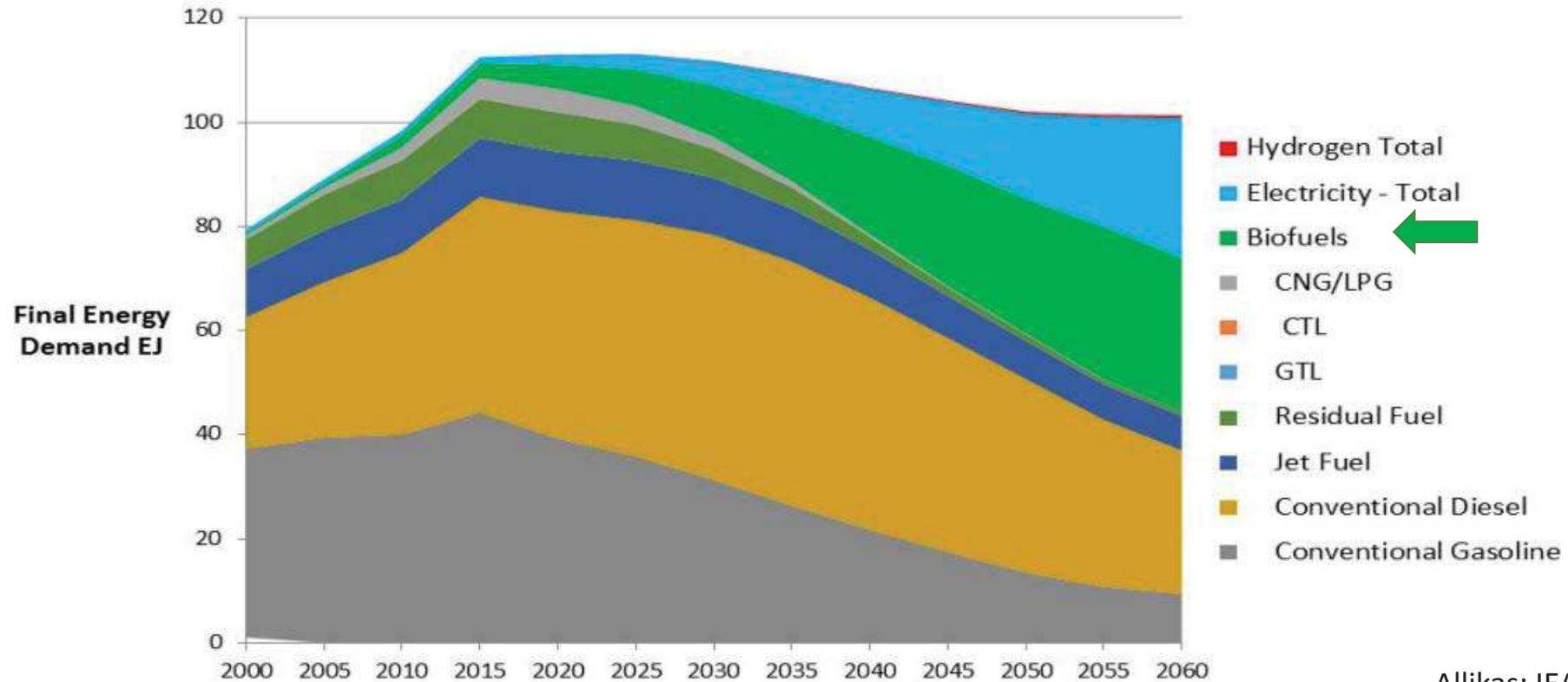
Timo Tatar
24.01.2018

Miks gaasilised kütused transpordis?

- Puhas kütus, puhtam keskkond
- End juba tõestanud, taskukohane tehnoloogia
- Võimalus kasutada kohalikke taastuvaid kütuseid transpordis
- Olemasoleva gaasivõrgu parem ära kasutamine, madalad kulud ühiskonnale

Biokütuste olulisus ajas aina kasvab

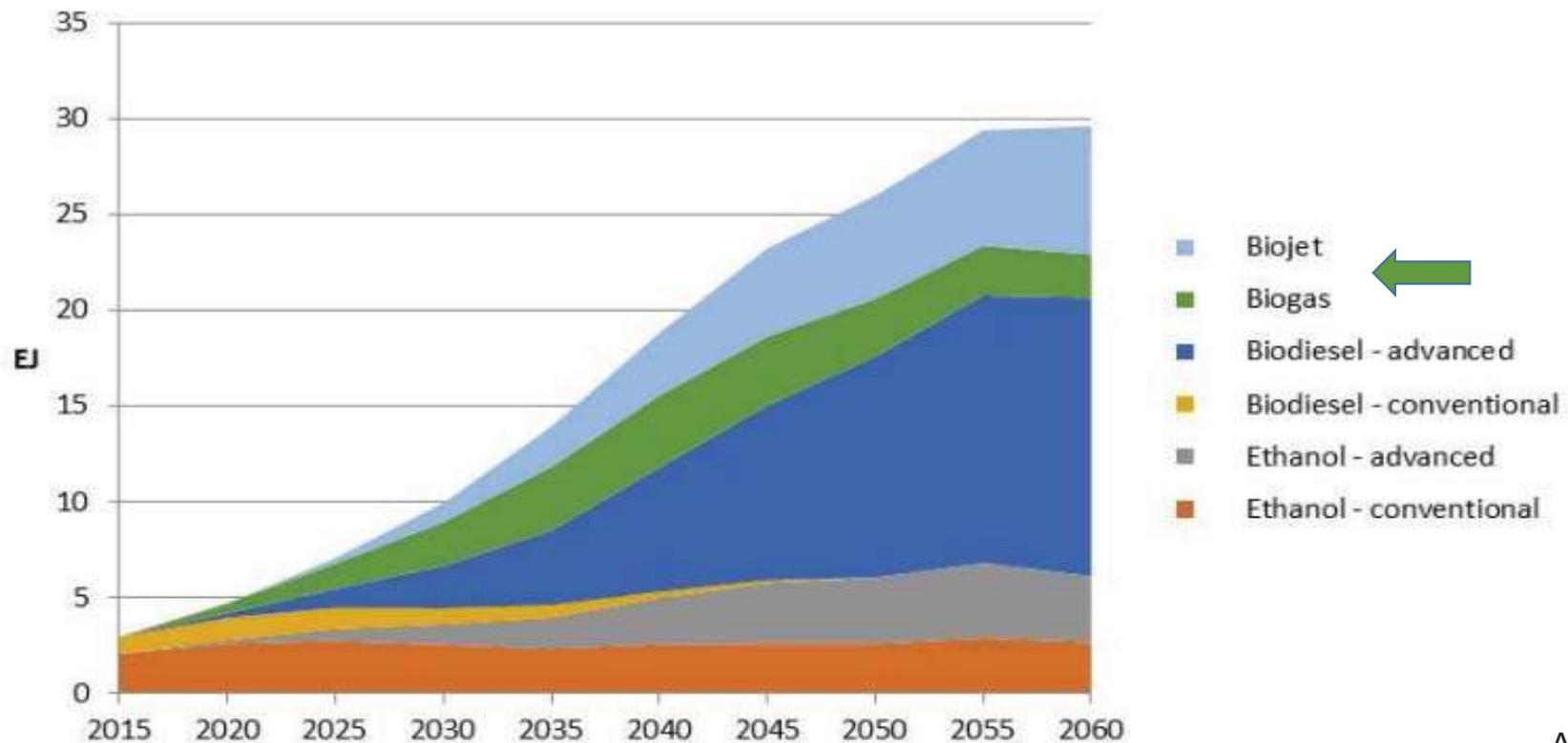
Transport Fuels - 2DS



Allikas: IEA

Teise generatsiooni kütuste olulisus ajas aina kasvab

Biofuels - Final Energy Consumption 2DS



Allikas: IEA

Biokütuste arengut soodustavad sammud EL-i tasandil

Puhta Energia paketi Taastuenergia direktiiv (RED II) on biokütuste osas suhteliselt kõrge ambitsiooniga.

Euroopa Liidu energeetikaministrite nõukogu istungi tulemused (18. dets):

- Taastuenergia transpordieesmärk **12% lõpptarbimisest** aastaks 2030.
- Esimese generatsiooni kütuste **7%** lagi.
- Eesmärgist peab moodustama vähemalt **3%** direktiivi lisa 9 osas A välja toodud toorainetest (II generatsioon).
- Topelt arvestus toormetel, mis on välja toodud direktiivi lisa 9 A osas.
- 70% KHG sääst transpordisektoris aastaks 2021.

Biokütuste arengut soodustavad sammud EL-i tasandil

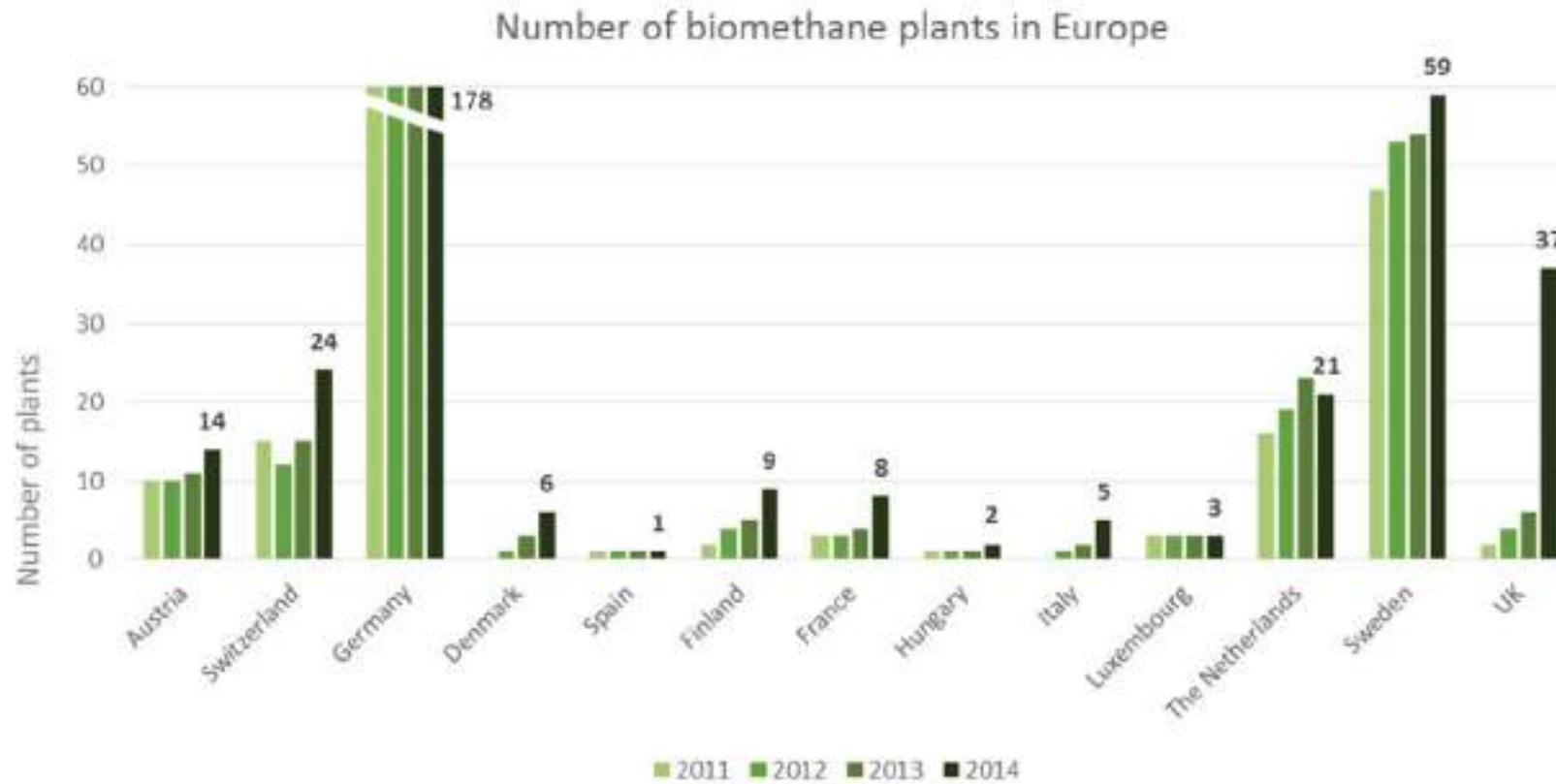
Euroopa Parlament esitas oma **ambitsioonikad ettepanekud** direktiivi muutmiseks.

Näiteks transpordieesmärgi saavutamiseks **kohustuslikud trajektoorid** toorme põhiselt (lisa 9 osa A ja osa B).

RED II edasine saatus selgub kolmepoolsete kohtumiste ehk triloogide tulemusel.



Rohegaasi perspektiivikust on märgatud...



Biokütuseid soodustavad tegurid Eestis

Biometaanituru arendamise tegevused sh eesmärgid

- Biometaani tankimisvõimekuse lisamine avalikesse lahus- ja võrgutanklatesse (15 biometaani pakkuvat tanklat aastaks 2020)
- Biometaanibusside liinikilomeetri toetamine (transpordis kasutusse võetud biometaani aastane kogus kuni 50 GWh)
- Biometaani tarne toetamine, võimaldades lõpptarbija tarbida biometaani maagaasi hinnaga (eesmärk turul 200 GWh biometaani)

Biokütuseid soodustavad tegurid Eestis

Biometaani aktsiisivabastus

- ATKEAS kohaselt on biogaas, s.h ka biometaan kui kaup aktsiisivaba
- Aktsiisivabastuse saamiseks tuleb tõendada, et tarbiti biogaasi, mille tõenduseks on nt tarneleping
- Hetkel eri tõlgendused, kas vabastuse aluseks on ainult päritolutunnistus
- Selguse loomiseks muudetakse ATKEAS-t selliselt, et biometaani aktsiisivabastuse tagab päritolutunnistus
- BM registrist Elering AS raport päritolutunnistuste kohta
- Gaasiaktsiisi määr – 50,65 €/1000m³

Biokütuseid soodustavad tegurid Eestis

- Direktiivi 98/70/EÜ kohustus tarnijatele – KHG vähendamine 6% võrreldes 2010.a aastaks 2020.
- Eestis on kohustus võetud üle atmosfääriõhu kaitse seadusega.
- Biometaani kasutamisel, mida toodetakse põllumajandusjääkidest ja reoveesetest on CO₂ emissioon kokkuleppeliselt 0.

Mis saab biometaaniturust 2020+ vaates?

- Tuleb vaadelda koos gaasituru arenguga.
- Balti-Soome ühise gaasituru väljaarendamine
 - Regulatsioonide harmoniseerimine
 - Ühine turupiirkond Leedust-Soomeni
 - Uued ühendused Poolaga, Soomega
- Arutluse all biokomponendi kohustus / tarnekohustus gaasimüüjatele
- Päritolutunnistuste turg (sh piiriülene kauplemine), mis kompenseerib maagaasi ja biometaani tootmise hinnavahe.



Täna tähelepanu eest!

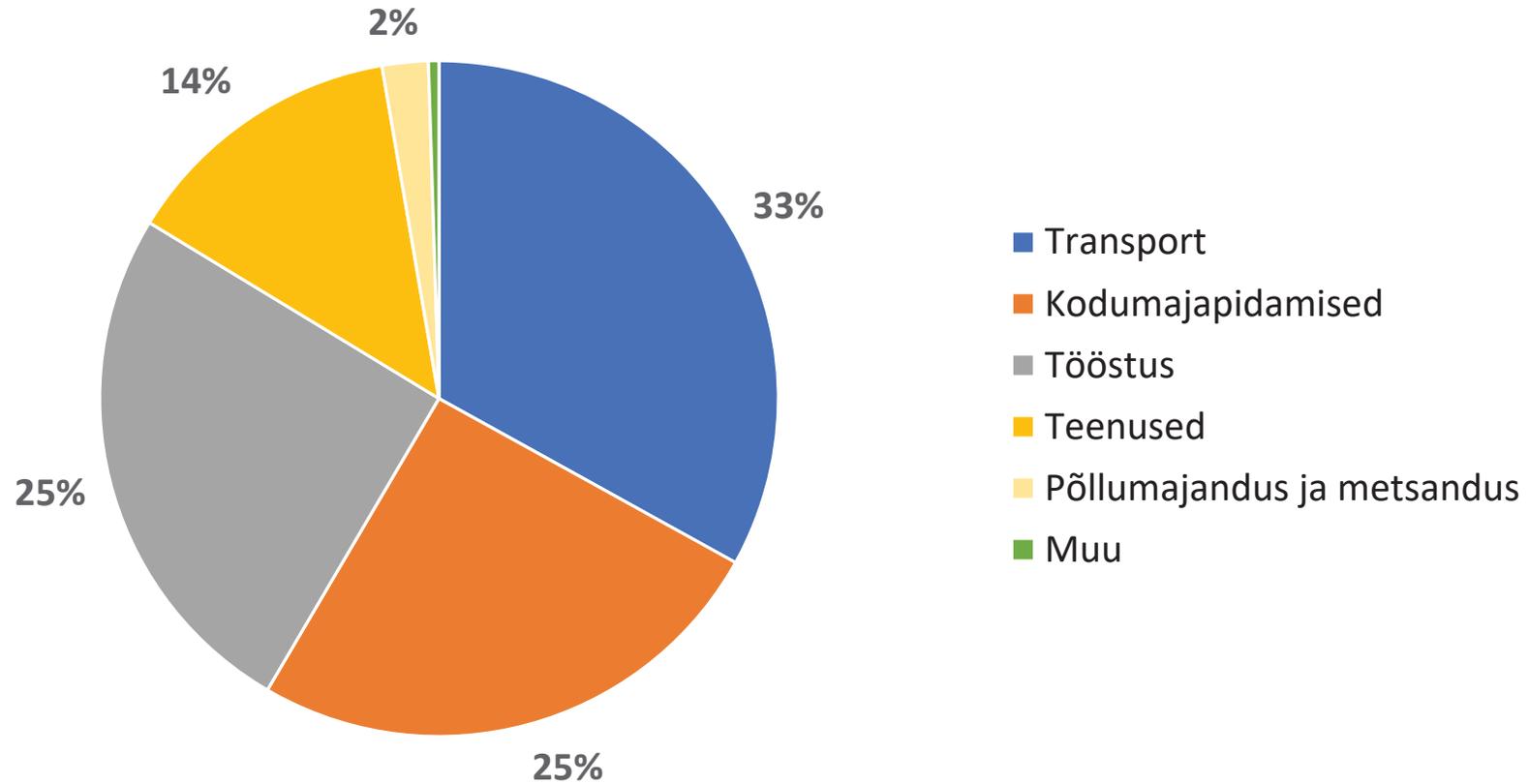
Timo Tatar
timo.tatar@mkkm.ee

Taastuenergia Euroopas 2020+

Siim Meeliste

siim.meeliste@gmail.com

Energia lõpptarbimine EL-is sektorite kaupa (2015, Eurostat)



Mida uult taastuenergia künnendilt oodata:

- Riigid võtavad 2020-2030 perioodiks suuremaid kohustusi taastuenergia osakaalu suurendamiseks (vahemikus 27...35% energia lõpptarbimisest)
 - Täpsustub oluliselt mis on tõeline taastuenergia:
 - Milline biomass metsast on tõeline taastuv biomass?
 - Millistest põllukultuuridest toodetud biokütused on taastuenergia?
 - Kuidas arvestada taastuenergiat kui päikesepark toodab elektrit, millega toodetakse tööstusliku CO₂ sidumisel vesinikku, mis sisestatakse maagaasitorustikku, mis seejärel 2000 km kaugusel „rohegaasi“ all tarbijale müüakse?
-

Võtmeküsimus: kuidas tõendatult vähendada KHG heitmeid!

Toetame keskkonnaprojekte

- siseriiklikest keskkonnatasudest
 - EL struktuurivahenditest (ÜF, ERF)
 - heitmekaubanduse vahenditest
 - anname keskkonnalaenu
-
- KIK on esindatud kõigis Eesti maakondades.
 - 17 aastaga on toetust saanud ligi 20 tuhat keskkonnaprojekti enam kui 1,2 mld eurot.

Koostöökokkulepe Eleringi ja MKM vahel

Lepinguga (13.09.2017) andis MKM Eleringile järgmised haldusülesanded:

- Biometaani päritolutunnistuste registri välja töötamine ja haldamine
- Biometaani tootjate registreerimine, maksetaotluste menetlemine, toetuse väljamaksmine tootjatele jms.
- Teavitustegevused

Biometaan ja päritolutunnistus Maagaasiseaduses

- Biometaan on maagaasi kvaliteedinõuetele vastav gaasilises olekus aine, mida toodetakse biolagunevatest jäätmetest, reoveest ja reoveesetest, põllumajandusliku päritoluga jäätmetest ning erinevat päritolu biomassist.
- Päritolutunnistuse normenergiaühik on üks megavatt-tund.
- Päritolutunnistust võib kasutada 12 kuu jooksul pärast asjaomase energiaühiku tootmist.
- Süsteemihaldur töötab välja ja avaldab oma veebilehel päritolutunnistuse väljastamise ja kasutamise tingimused ja korra
- Süsteemihaldur loob päritolutunnistuste haldamiseks elektroonilise andmebaasi.

Päritolutunnistuste registrist

Kasutajad:

- Kaupleja (Müüja) on turuosaline, kes omab päritolutunnistuste kontot, saab teostada GOde ülekandeid ja kustutada GOsid tarbimise vastu.
- Tootja on turuosaline, kes toodab Eestis asuva tootmiseseadmega biometaani taastuvatest allikatest ja saab teostada ülekandeid ühelt kontolt teisele.

Toimingud päritolutunnistustega:

- Päritolutunnistuste väljastamine
- Päritolutunnistuste kustutamine (kasutamine, tõendamine, tühistamine)
- Päritolutunnistuste (riigisisene) ülekanne
- Päritolutunnistuste aegumine

CNG-TANKLAD



