

Trainings / Обучения

**5. Revision of the energy vision and roadmap process, action plans development, next steps /
Преразглеждане на енергийната визия и процеса на изработване на пътната карта, разработване на план за действие, следващи стъпки**

- **Revision of the Bulgarian Vision and its approval /
Преглед на българската визия и нейното одобряване**
- **Developing a Roadmap and 10 Action Plans /
Разработване на пътна карта и 10 плана за действие**

ПЪТНА КАРТА

За преход към устойчива нисковъглеродна икономика

1 Въведение / Introduction

State the vision of the roadmap and give a short summary of the roadmap development as described in the following chapters.

2 Приоритетни области/ Priority areas

Depending on the vision statement priority areas should be defined. These areas constitute the umbrella for several related Action Plans.

2-3 areas would be optimal. Priority areas could e.g. be

Приоритетни области за Енергийна ефективност

- **Домакинства**
- **Индустрия**
- Обществени сгради
- Улично осветление
- **Транспорт**
- Финансови и бизнес модели

Приоритетни области за ВЕИ /Renewable energy priority areas

- Биоенергия
- **Вятър**
- **Слънчева енергия**

- Геотермална енергия
- **Развойна дейност /R&D**
- Финансови и бизнес модели

Describe how these priority areas were identified and why actions in these sector are important to reach the vision. Substantiate the choice e.g. by giving savings potentials per priority area/sector.

3 Действия и сценарии за развитие/ Actions and development scenarios

On top of your roadmap stands your *vision* for the region. The roadmap gives the general direction and concrete steps how to move towards to this vision. The development scenario or several different scenarios described in the roadmap gives the pathway from the status quo (baseline analysis) to the regional vision.

The analysis of several scenarios constitutes the basis for energy-related decisions to be taken and according actions planned. Using scenarios, the influence of long-term decisions can be validated against their contribution to the agreed regional vision.

Action Plans as integral part of the roadmap, contribute step-by-step to reaching the vision and making the development path concrete and realizable.

3.1 Ниво на изследователска/развойна дейност, иновации и технологии / Status of R&D, innovations and technology

Current status of R&D, innovations and technological prerequisites within the sector including overview of the related actors.

3.2 Business-as-usual scenario

Start by plotting a business-as-usual (BAU) scenario. Your starting point should be your REP. Based on the data given there plot the development of the region with no additional actions taken.

E.g. you can use the EU Reference Scenario 2016 as inspiration to define the business-as-usual scenario. <https://ec.europa.eu/energy/en/data-analysis/energy-modelling>

Describe your BAU scenario here.

3.3 Сценарии за развитие/ Development scenarios

Business as usual will not be enough to reach the regional vision in the planned timeframe. Several “corrective actions” have to be implemented in order to reach the agreed vision. Each action represents a step towards reaching the goal of the regions.

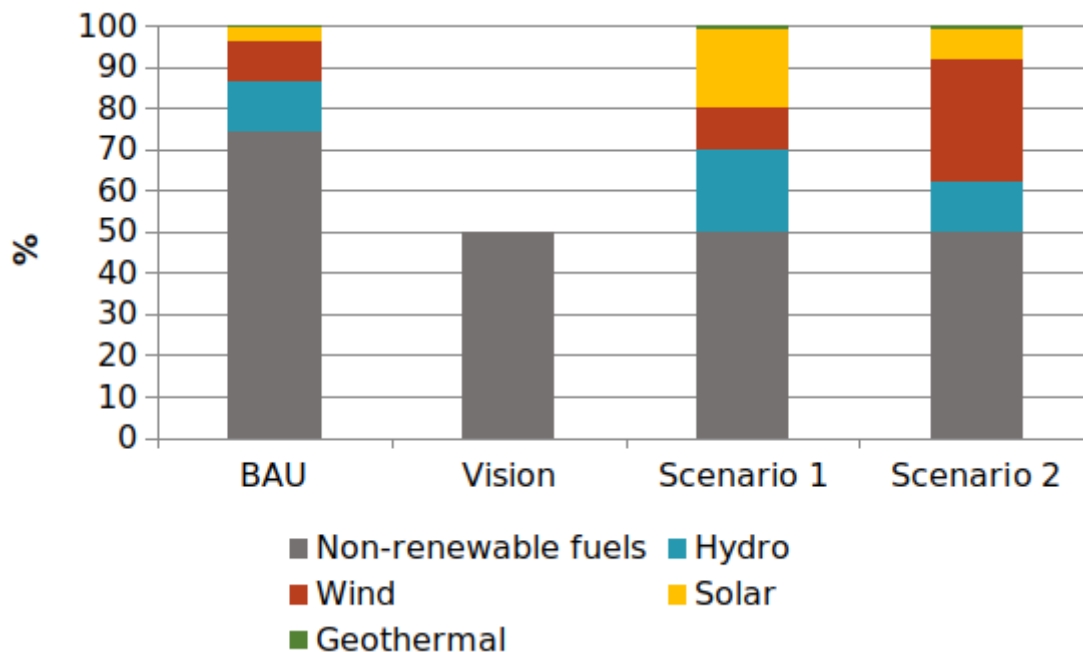
Give a short portrait of each planned action [details about the implementation strategy are not needed here and will be covered in the next phase about Action Plans]

[State Priority Area 1]
<p>Action title 1: [choose not only a descriptive title but something people can identify with, e.g. 1,000 solar roofs initiative, Green the future, etc.]</p> <p>Objective: [give quantifiable numbers and also break them down into sub-sector or per year, e.g. 2 % improved efficiency in the household sector every year until 2040]</p> <p>Timeline: [even if your vision goes until 2050 not each action might have such a long horizon. Clearly define the timeline]</p>
<p>Action title 2: [choose not only a descriptive title but something people can identify with e.g. 1,000 solar roofs initiative, Green the future, etc.]</p> <p>Objective: [give quantifiable number and also break them done into sub-sector or per year, e.g. 2 % improved efficiency in the household sector every year until 2040]</p> <p>Timeline: [even if your vision goes until 2050 not each action might have such a long horizon. Clearly define the timeline]</p>

Each of the described actions and their quantifiable objectives should have an influence on the BAU scenario. Plot the difference between the BAU scenario and different other development paths depending on how successful the actions are implemented.

Be as concrete as possible in planning intermediary steps towards your vision. For longer intervals, it is recommended to plan review cycles e.g. every 5 years, to check and review the roadmap and update planned priorities and actions according to technical progress, changes of the legal framework and overall policy goals.

Presentation of your scenarios could look like this:



3.4 Основни етапи/Milestones

Plan for specific Milestones along the way, where you can evaluate the progress against the set targets and adapt the concept in regular time intervals.

4 Въздействие върху икономиката/ Impacts on regional economy

Describe how each of the scenarios might impact the overall economy of the region including employment and specialized jobs, vulnerability to fuel price changes, security of supply, development of competitive knowledge, etc.

How will the scenarios contribute to regional economic development strategies and targets or smart specialisation strategies?

Is there a risk of a conflict of goals with other policy strategies?

5 Включване на заинтересованите страни/ Involvement of stakeholders

Plan and implement comprehensive stakeholder engagement. Exemplary methods for stakeholder engagement

6 Възприемане от практики и политици вземащи решения / Endorsement by implementers and political decision-makers.

Formal endorsement of the roadmap is key to ensure the continuity and implementation of the roadmap including the Action Plans.

Describe the endorsement you ensured to this point and how it will contribute to the implementation of the Roadmap and Action Plans.

Describe necessary future steps to ensure the endorsement of the energy roadmap.

7 Финансиране/ Financing

Describe possible and already secured sources of funding. Explain actions needed to secure funding.