



Part-finance by the European  
Union (European Regional  
Development Fund)

# Regional Energy Strategies English summary template

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(based on deliverable 3.4)

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## Introduction

This Regional Energy Strategies English summary template was created by Energyclass of Estonian University of Life Sciences and was reviewed by Maria Habicht, Marek Muiste and Martin Kikas.

The basis of this document is the deliverable 3.4, which was Definitions and Agreement of Content and Quality Criteria for Energy Strategies. Since Baseline Papers are published entirely in English, we would like to refrain from using too much information from them, as this is a summary of Energy Strategies. Therefore only most relevant data from the Baselines should be presented.

We would like to note that this paper describes the bare minimum of what is needed to be presented in the summary. You are always welcome to make your own suggestions to make this document as representative as possible.

## 1. Overview of the region (1-2 pages of text)

This is the introductory part of the region for the English summary template.

From this chapter, the reader should be able to make a small scale comparison with his or her region and find out if there are any similarities. Rather than using complicated data tables, simple pie charts and line charts should be utilised, since precise data will be given in the 6th chapter.

The text written into this chapter should give a short overview and present most relevant and instinctively comparable data.

The following should be presented in the summary paper.

- Show your region on **two scaled maps**: one showing, where it is situated in Europe and another one showing where the region is situated in your country. Large bodies of water and major rivers nearby should also be seen on the map. (Fig. 1.1)
- **Demographic overview** and trends in the last 20 years (+ describe, where the majority of inhabitants are situated).
- **Employment** of the region and what are the main employment sectors
- **Climate of the region** (yearly temperatures, average wind speeds, average radiation from the sun). Should be on one easily understandable map
- **Resources of the region** (how much land does this region cover + how much (percentage wise) is covered by forests, water etc).
- **Total energy consumption of the region.** Differentiate between electricity, transport and heating (Fig. 1.2). Also make pie charts of what kind of energy source is used for producing electricity and heat (Fig 1.3) and used in transportation (if applicable).

**NOTE!** Compare the indicators listed above with the nation's average wherever possible.

## 2. The process of making the strategy (1-2 pages of text)

This chapter is meant to help readers to understand how a strategy making process was organized and put into practice. Additionally, to help a reader to determine, who were (or should be) included and steps needed for a successful and viable strategy.

The following should be presented in the summary paper.

- **Which initiatives started the process of composing an energy strategy and who came together to start the strategy making process?** Describe, which human (professional) resources have been mobilised (local energy specialists, energy company operators, decision makers, consultants, regional planning specialists etc) and what is their contribution to the final result.
- **What were the main reasons for this strategy process to begin?** (e.g. energy prices were too high, decreasing population, dependency of gas etc).
- **What kinds of measures were taken to develop the strategy?** Enumerate the process steps - SWOT analysis, brainstorming for finding the best objectives etc.
- **How was the necessary data collected?** Was it collected using national statistics or by contacting local consumers/producers/companies?
- **To illustrate the process, add some pictures of SWOT meetings and maybe some scans of meeting graphs, drawings, etc.** Scans can be of papers written in your own language.
- **Lessons learned during the process.** Make a short summary, which were the hardest tasks in making the strategy and describe, what could have been done better + make recommendations for a future strategy maker.

### 3. The future of the region (1 page of text)

This chapter should describe what the main goals for the region will be after this strategy is implemented (e.g. electricity will be 50% produced from RES). Give a short overview, since an in-depth overview is given in a chapter 5. It should contain vision of the position of the region in 10 - 15 years.

The following should be presented in the summary paper.

- **Give a short summary of the long-term vision** – how the energy situation, economical situation and demographical situation of the region is expected to look like.
  - **Explain relations between set targets, inhabitants, the nature and companies.** Describe how local inhabitants, companies and regional government will be included into energy production. Will they work together in order to achieve set goals or will every party try to do something on their own?

### 4. SWOT results (1-2 pages of text)

This chapter should give an overview about relevant SWOT results for reader to understand the strengths, weaknesses, threats and opportunities of this region. Also, after discovering, what kind of weaknesses/strengths/threats and opportunities this region has, there should be continuous process of dealing with weaknesses and threats and using strengths and opportunities (see Deliverable 3.4 chapters 2.8 and 2.9 for reference).

The following should be presented in the summary paper.

- **Present relevant results of the SWOT analyses** e.g. Smart Art matrix graph of MS Word 2007 (Fig 1.4)
- **Explain, how weaknesses and threats will be overcome**
- **Explain, how strengths and opportunities will help to achieve the set targets**

## 5. Measures to be taken to achieve the objectives for the region (1-3 pages of text)

A thorough description of the region's future plans. Refer to SWOT results as much as possible.

The following should be presented in the summary paper.

- **List and prioritize the objectives of the strategy for this region** (e.g. energy efficiency in the housing market – 45%; small scale CHP plant where possible; educational seminars/lessons in school about energy efficiency, biodiesel station, etc). Make a small paragraph (2-4 sentences) explaining why this particular objective was set.
- **List and prioritize the measures to achieve the set objectives.** Give an overview of the actions that need to be taken in order to move towards the set objectives (e.g. supporting mechanism for the energy efficient building, concessions for buying land for biofuel plant etc).

## 6. In-depth statistics of the region (10+ pages)

This chapter should give more detailed overview of the region to better understand the basis of SWOT results and set objectives for a more flourishing region. Current paragraph should contribute to and **back up** all the results presented in previous paragraphs. Therefore, the list of subjects given below, is not final and should only contain data **actually used** for making the strategy.

The following should be presented in the summary paper.

- **Current energy situation** (Energy balance - used fuels, energy production and consumption, losses. Describe the usage of energy by different sectors e.g. for transportation, electricity production, heat production. If specific data for transport is

not available, the number of families and average fuel usage per family in your country, could be used instead.

- **Overview of available energy resources** (Present technically available resources and possible future usage of the resources. Here you can add all those tables and charts describing technically available solar and wind energy resources. Look at both public and private sectors.)
- **Other important data, that wasn't mentioned above, but is important for this region's strategy.**



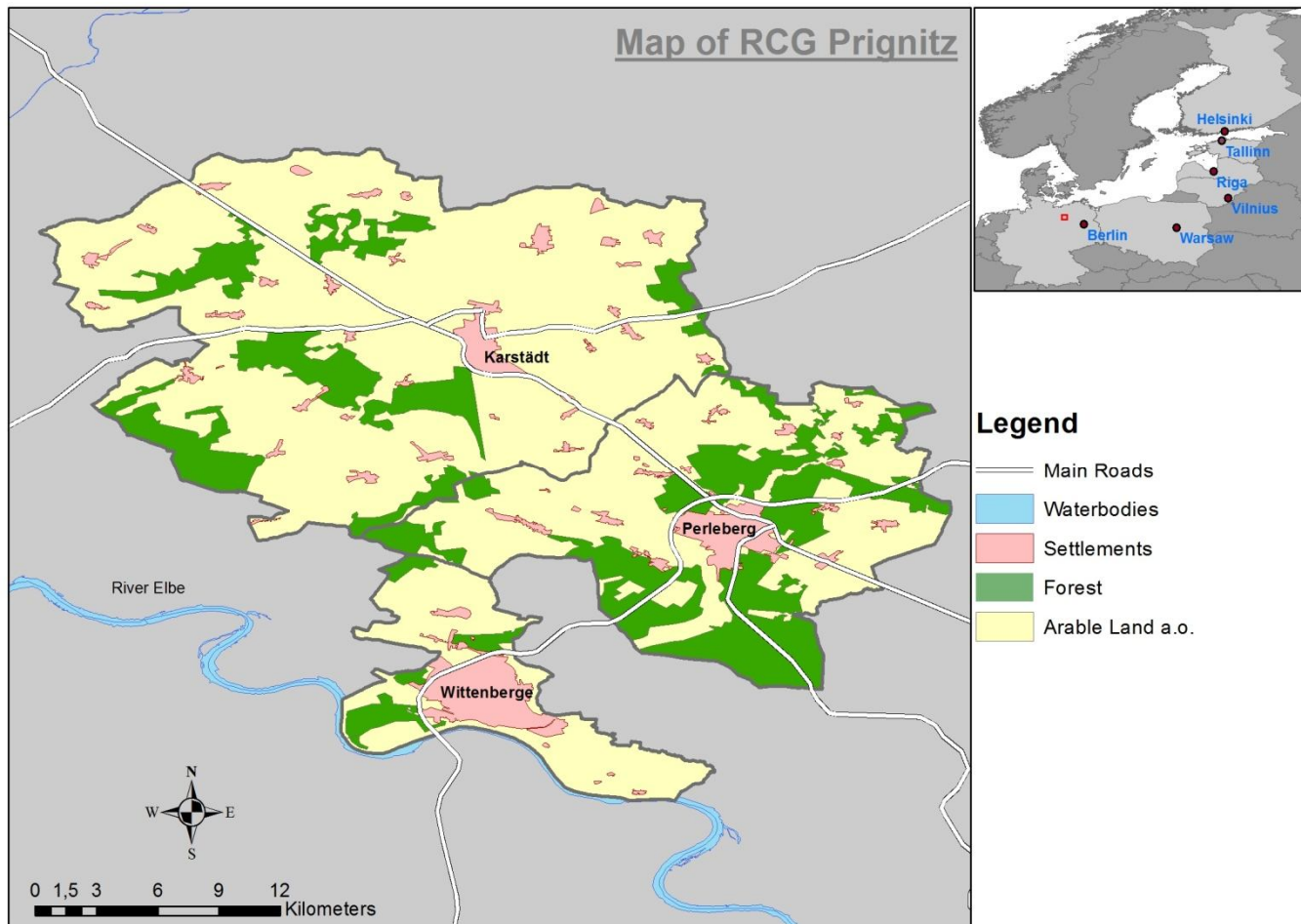


Fig 1.1. Map of RCG Prignitz made and suggested to be used by Paul Pfiedler (maps are located in Atenekom in the WP 3.6 folder Maps of participating regions )

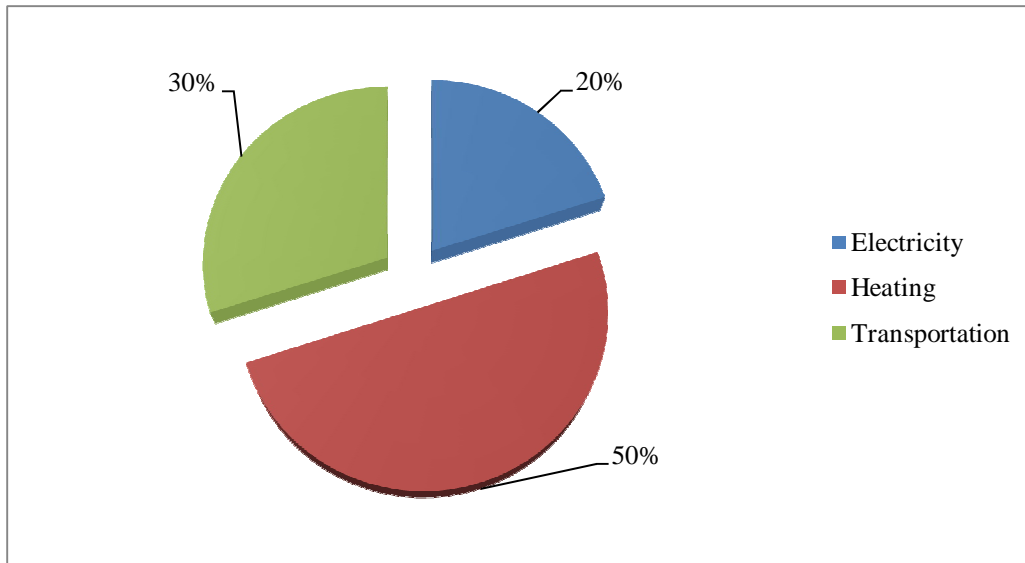


Fig. 1.2. An example of energy used in the region

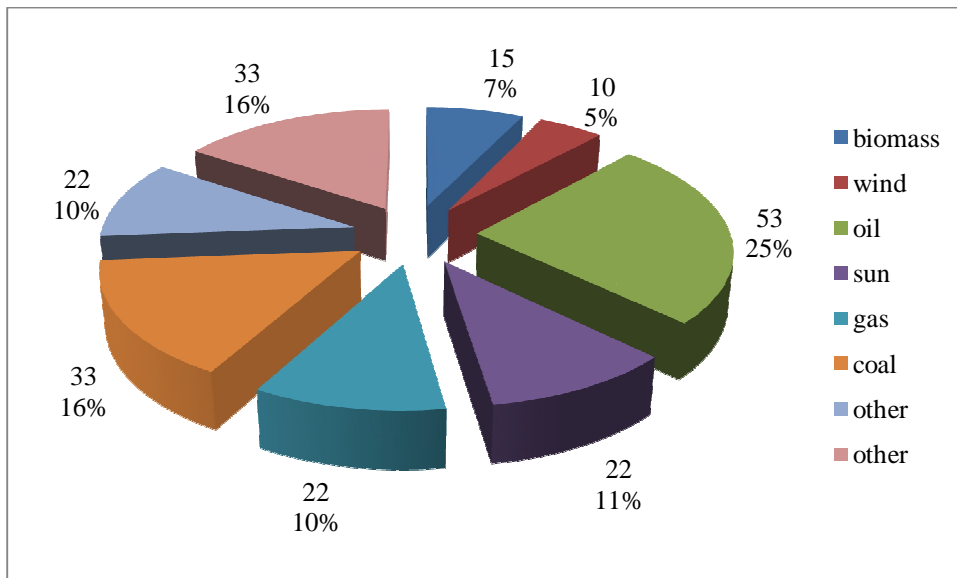


Fig. 1.3. An example of energy production of the region.

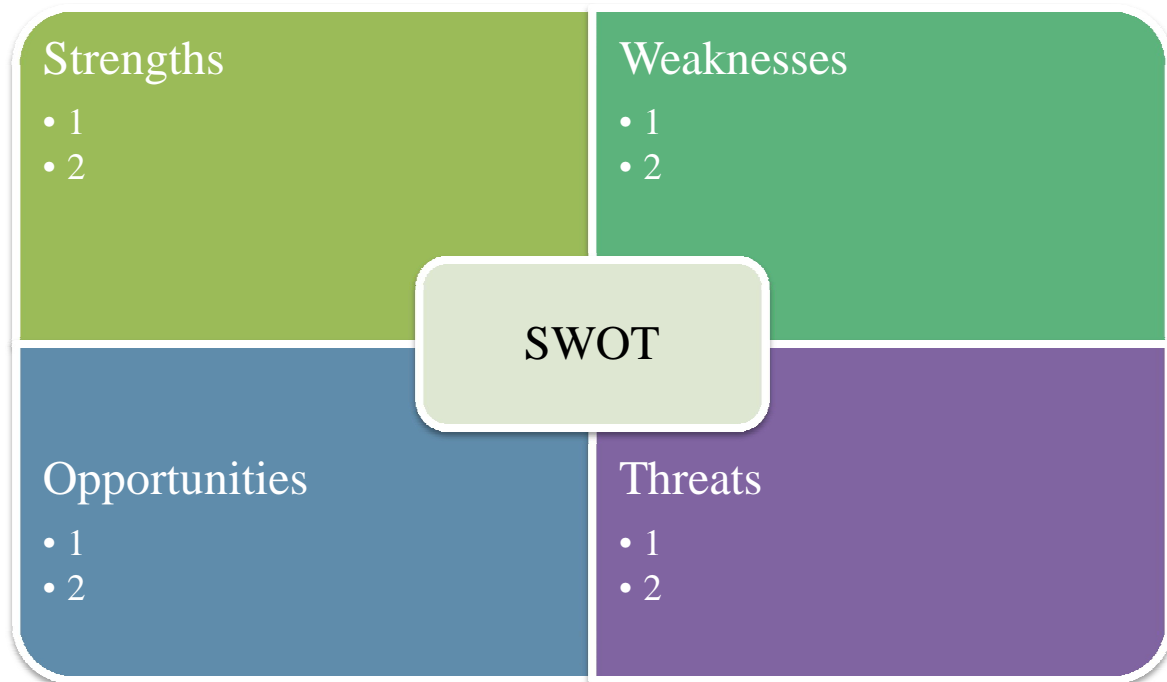


Fig. 1.4. SWOT analysis