



Greening Energy Market
and Finance

Project website: <http://grenfin.eu>

Group 2G: Tauron Polska Energia

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Risk analysis

Climate risks coming from climate change & transition process.

To predict them, we need to know **how the climate will change**.

- Weather damaging the system → implement solutions from tougher climates;
- Weather changing the RES efficiency → use less of those RES that may suffer, for example biomass may be harder to produce if droughts come;
- Issues related to the transport & construction and the area that we are operating in → schedule extra time;
- Sudden new regulations regarding microgrids → base the process on standards from EU and other countries;





Risk analysis

Inability to predict the actual use of RES → research & hire an experienced contractor.

Financial risks coming from the market.

- Inability to gather funds on time or insufficient funding → build a capital reserve depending on the level of trust we identify for each funding;
- Gas prices changes may be volatile → forward contracts;
- Most of financial risks are specific for the type of financing.

Additionally: bird paths crossing wind farms.





Task 2: Project source of co-financing

Many alternatives since:

- Innovative
- Low carbon oriented
- Sustainable-focused

Esteemed investment outlays: €1,100,000





Task 2: EU Fund

Innovation fund

Focus:

- Big Flagship project
- Innovative technology

Criteria:

- Effectiveness on GHG emission abatement
- cost efficiency
- degree of innovation

Grant financing: up to 40% (Preliminary phase)

up to 60% (Final phase)





Task 2: EU Funds (Continue)

Horizon Europe: green deal innovation

Focus:

- Energy efficiency
- Sustainable development

Criteria:

- relevance on the Horizon EU goal
- degree of innovation
- level of risk

Grant financing: up to €2.5 million





Task 2: Honorable mention

Cohesion fund

Aimed to member state

Focus:

- Renewable energy production
- Smart energy management

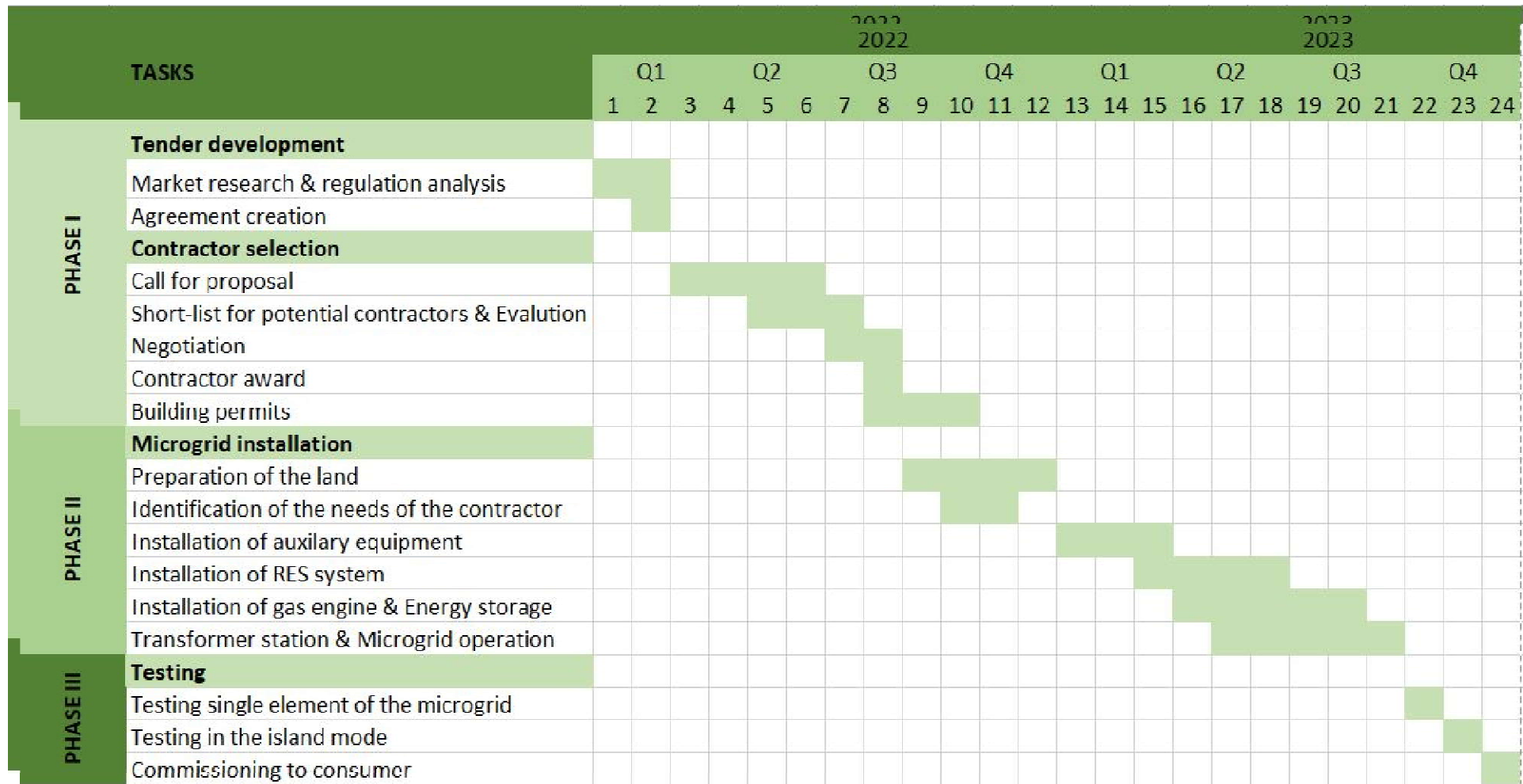
Green project bond issue

- Flexibility
- Recourse only on project assets





Project Schedule



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