

Analysis of ENMAK scenarios

Kick-off meeting

Estonian Development Fund

Tallinn

04.12.2012a.

www.arengufond.ee



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Agenda

1. Introducing the participants.
2. Timeline of ENMAK, responsibilities within compiling ENMAK.
3. Energiatalgud.ee – wiki-based expert platform
4. Tasks of the expert groups.
5. Current situation.
6. Tasks of the Consultant.
7. Further activities



Introducing the participants

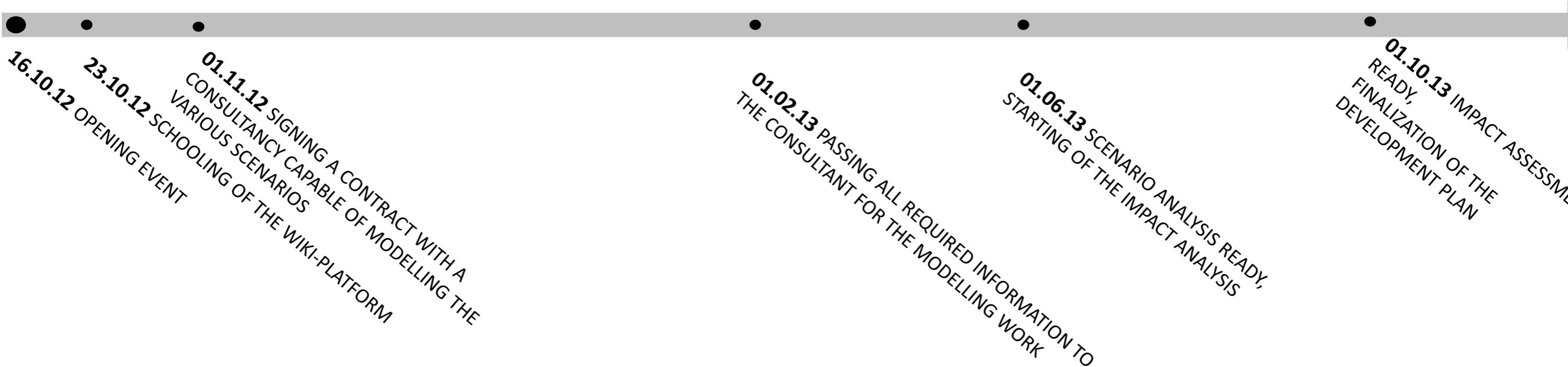
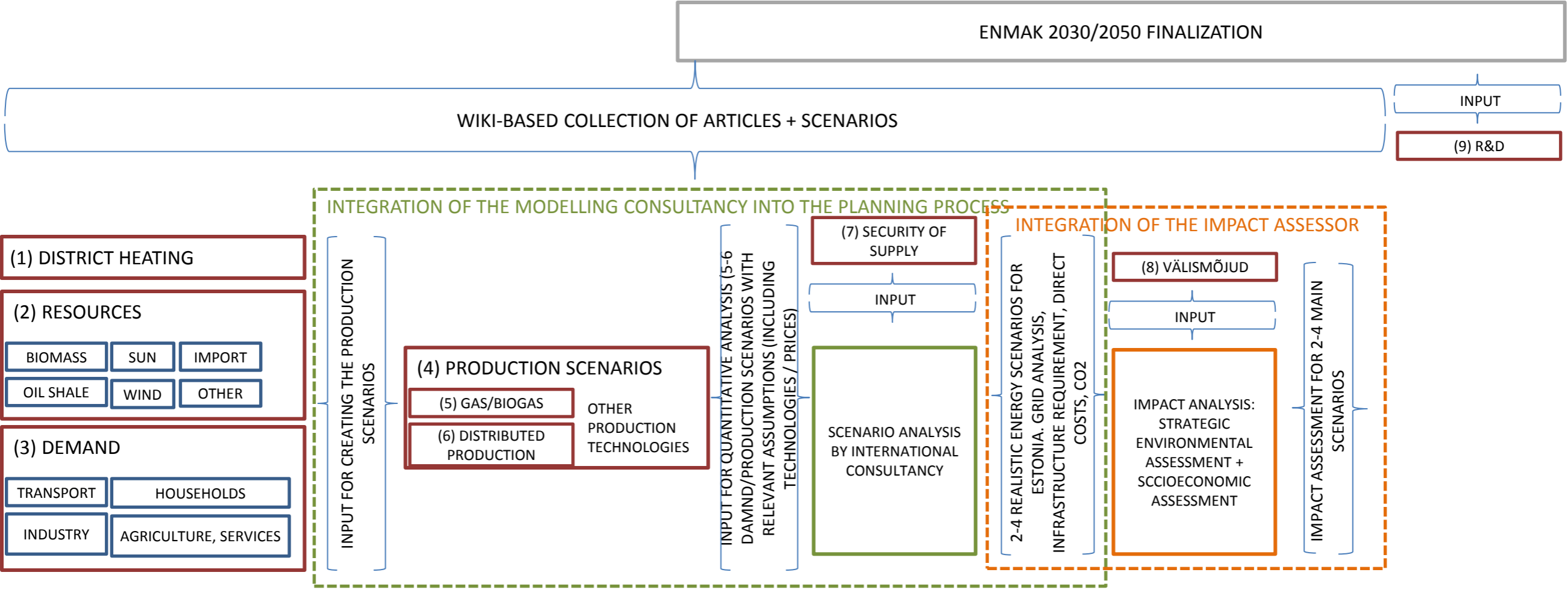
1. Ministry of the Economics and Communications.
2. Ministry of the Environment
3. Elering AS
4. Enterprise Estonia
5. Estonian Development Fund
6. Expert groups, represented by managers
7. EA Energy Analyses



Responsibility matrix

	ENMAK	General principles	Input definition	Scenario analysis	EIA+SE	Others
MoE	Decisive					
EAS					Decisive	
Elering				Decisive		
EDF	Managing the process	Supervising	Supervising	Decisive	Decisive	Decisive
Managing group	Supervising	Decisive	Decisive	Supervising	Supervising	Supervising
Expert group leader	Responsible for content	Responsible for content	Responsible for content	Advising	Advising	Advising
Consultant						
Advisory Board	Advising	Advising	Advising	Advising	Advising	Advising

ACTION PLAN AND TIMEFRAME FOR THE COMPILATION OF ESTONIAN ENERGY DEVELOPMENT PLAN (ENM)



Energiatalgud.ee

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Expertg groups - tasks

1. Consumption: power, heat and fuels demand forecasting(BAU+EE)
2. Energy carriers: availability and prices of EC.
3. DH: DH efficiency criterias, DH potential, alternatives, assumptions for DH
4. Scenarios: scenarios (P+H+F) to cover demand, (incl. LCOEs)
5. Energy security, (incl. security of supply) defining the potential supply risks and grid reinforcement needs

Current situation

1. **Consumption:** structure, assumptions, current situation
2. **Energy carriers**
3. **District heating**
4. **Scenarios**
5. **Energy security**



Final Energy Consumption Scenarios 2030/2050

	Households	Industry	Service	Transport
Initial model implemented	✓	✓	7/12	7/12
Initial scenario descriptions	✓	✓	7/12	7/12
Assumption verification process	6/12	6/12		
Updated, more detailed model implemented and verified				

Monthly thermal energy consumption curve for 2030/2050

Hourly electricity consumption prediction for 2030/2050

The Consultant, the Scope

1. Expert group member.
2. Define the necessary data from expert groups.
3. Identification and quantification of major external assumptions.
4. Quantitative scenario analysis.



Further activities

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