



# The EU Framework for ELSA

Presenter: Ludwig Karg, B.A.U.M. Consult GmbH

# Key strategic topics for Energy Transition

## Actions of the Strategic Energy Technology Plan (**SET-Plan**)

1. Highly performant renewable technologies
2. Cost reduction through regional cooperation
3. Smart homes
4. Resilience, security and smartness of the energy system
5. Efficient energy systems in buildings and in industry
6. Battery sector competitiveness to drive e-mobility forward
7. Renewable fuels for sustainable transport solutions
8. Carbon Capture Storage
9. Safety in nuclear

adopted from Henrik Dam, Policy Officer DG ENER

## SET-Plan Action 7 (Batteries)

- Whole chain: basic research - materials technology - manufacturing
- No limitation on chemistries
- Targets versus time
- Batteries in a systems approach
  - Battery management system
  - Power electronics
  - Systems for safety
- Market uptake measures, both in terms of financing as well as in terms of standardization and regulatory framework
- New alliances

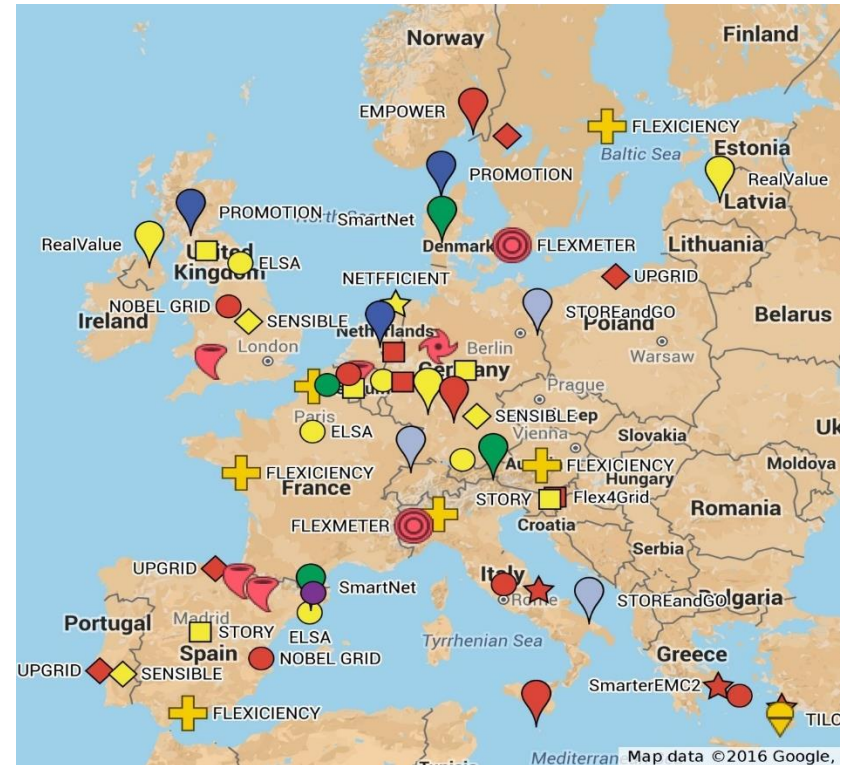
# Cooperation of H2020 Projects



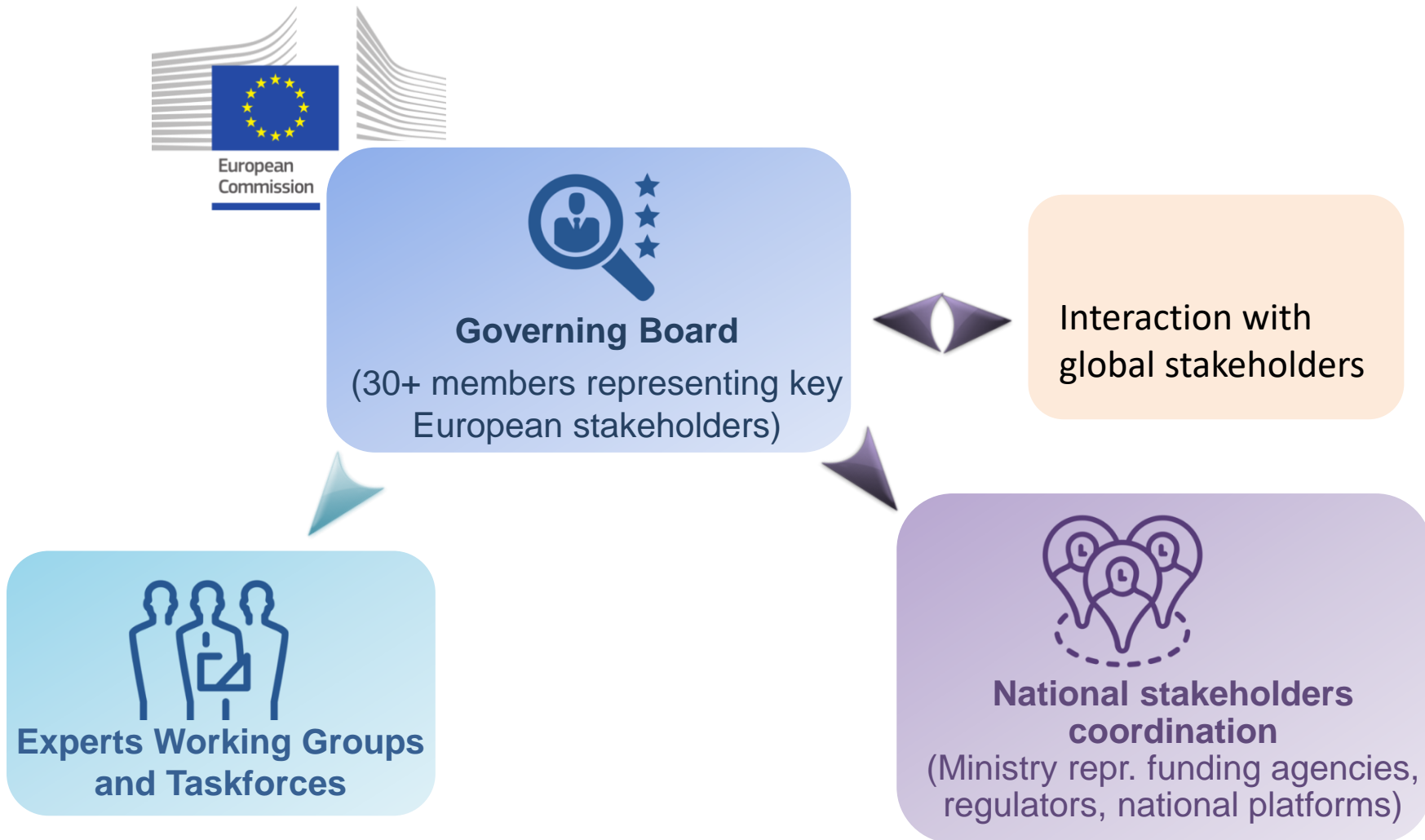
... teaming up on non-technological issues

- Data Management
- Business Models
- Regulations
- Customer Engagement

to overcome obstacles hindering innovation



# European Technology and Innovation Platform - Smart Networks for Energy Transition (**ETIP SNET**)



# ETIP: Genesis and Partners

