

Integrated impact assessment of EU decarbonisation pathways

F. Gardumi, P. Korkmaz, J. Welsch, R. Montenegro, U. Fahl, X. Pang, U. Mortberg

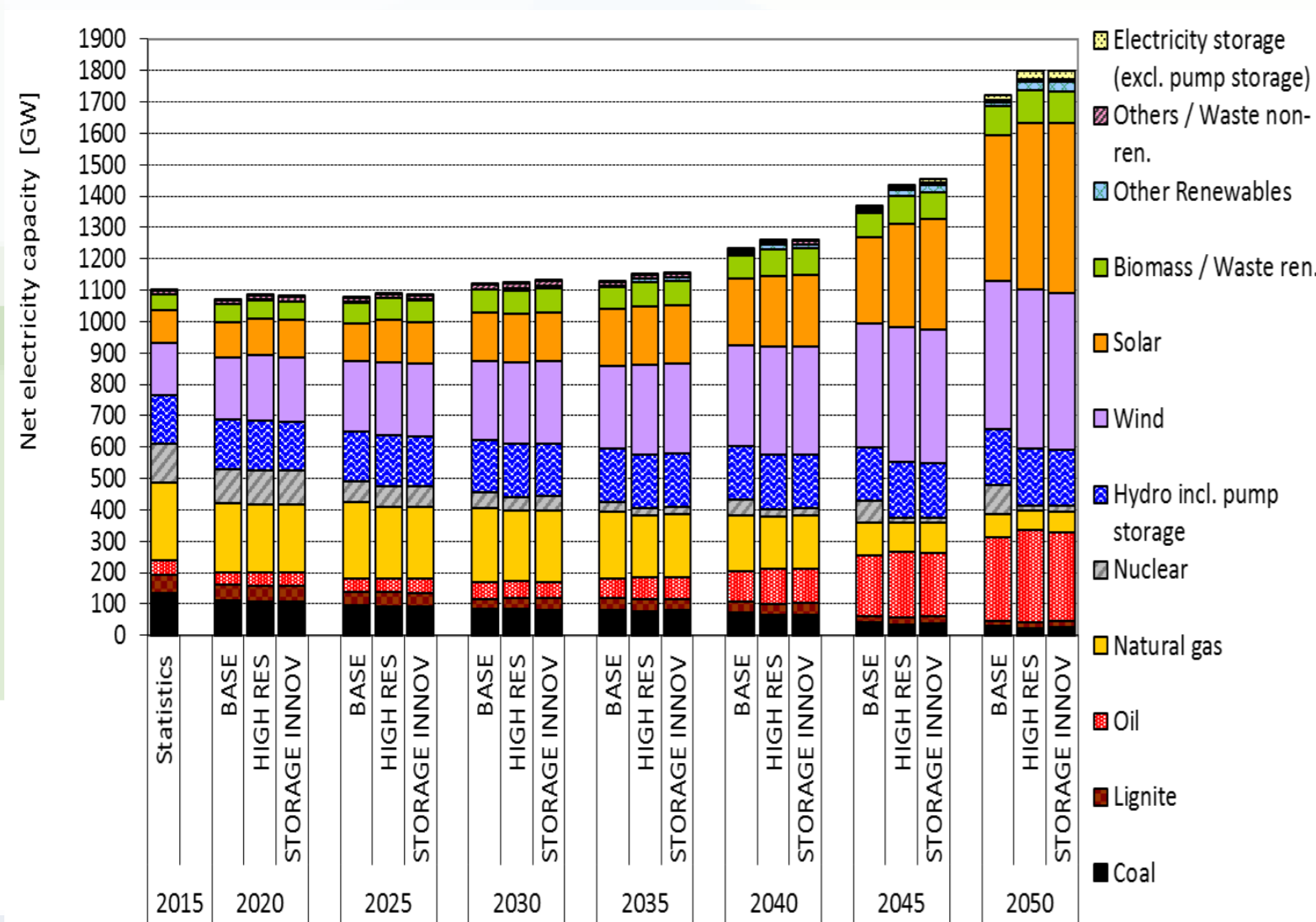
REEM aims to gain a clear and comprehensive understanding of the **system-wide implications** of energy strategies in support of transitions to a **competitive low-carbon EU energy society**.

Sample pathway: Coalitions for a low-carbon path

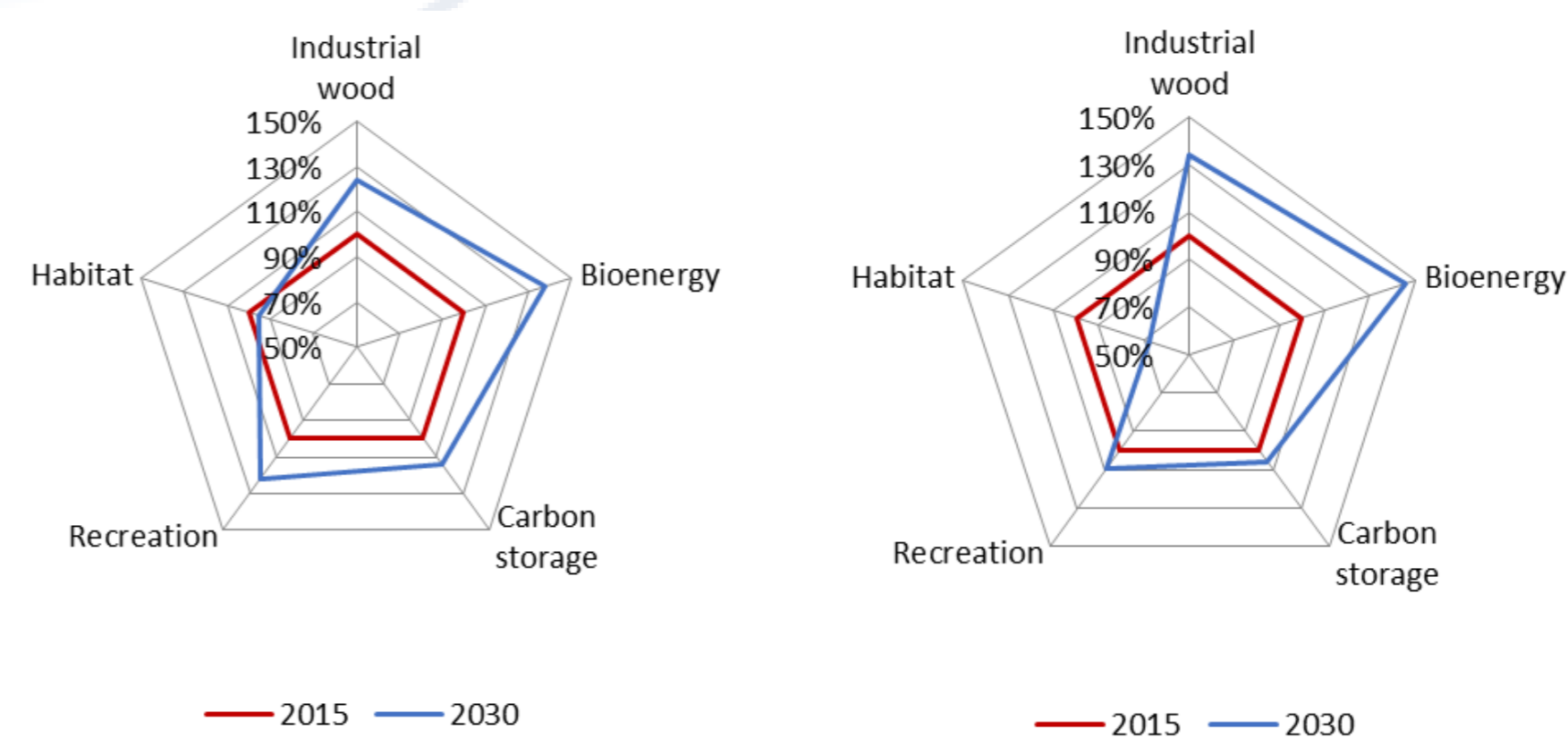
It emerged from the **First REEM Stakeholder Workshop**. It resembles features of the current EU context and one possible future course. It has characteristics of two of the five scenarios described in the 'White paper on the future of Europe' [1]: 'Carrying on' and 'Those who want more do more'.

Political	Economic	Social	Environmental	Technological	Global
Stronger policy parallels within clusters of Member States.	Growth at different speeds.	Likely passive society in transition.	Low availability of water and scarce resources.	Reliance on currently commercial technologies.	Climate change mitigation effort driven by some regions.

EU energy system transformation



National and local impacts



The tool: REEM Integrated modelling framework

