



The challenges to foster clean energy transition, resilience and energy security in Europe

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DoEAP | Background & Context



Twin Energy and Digital Transition

European
Green Deal

Europe fit for
the Digital Age

a better-functioning, smart, integrated and interconnected energy system, where new business models can easily emerge in a fast-changing market.



July 2020 : Energy System Integration Strategy

key actions to drive the energy transition, including:

“a system-wide **Digitalisation of Energy Action Plan** that could accelerate the implementation of digital solutions and the integration of energy systems”.



July 2021 : Fit for 55 package

to **reduce emissions by at least 55% by 2030**.

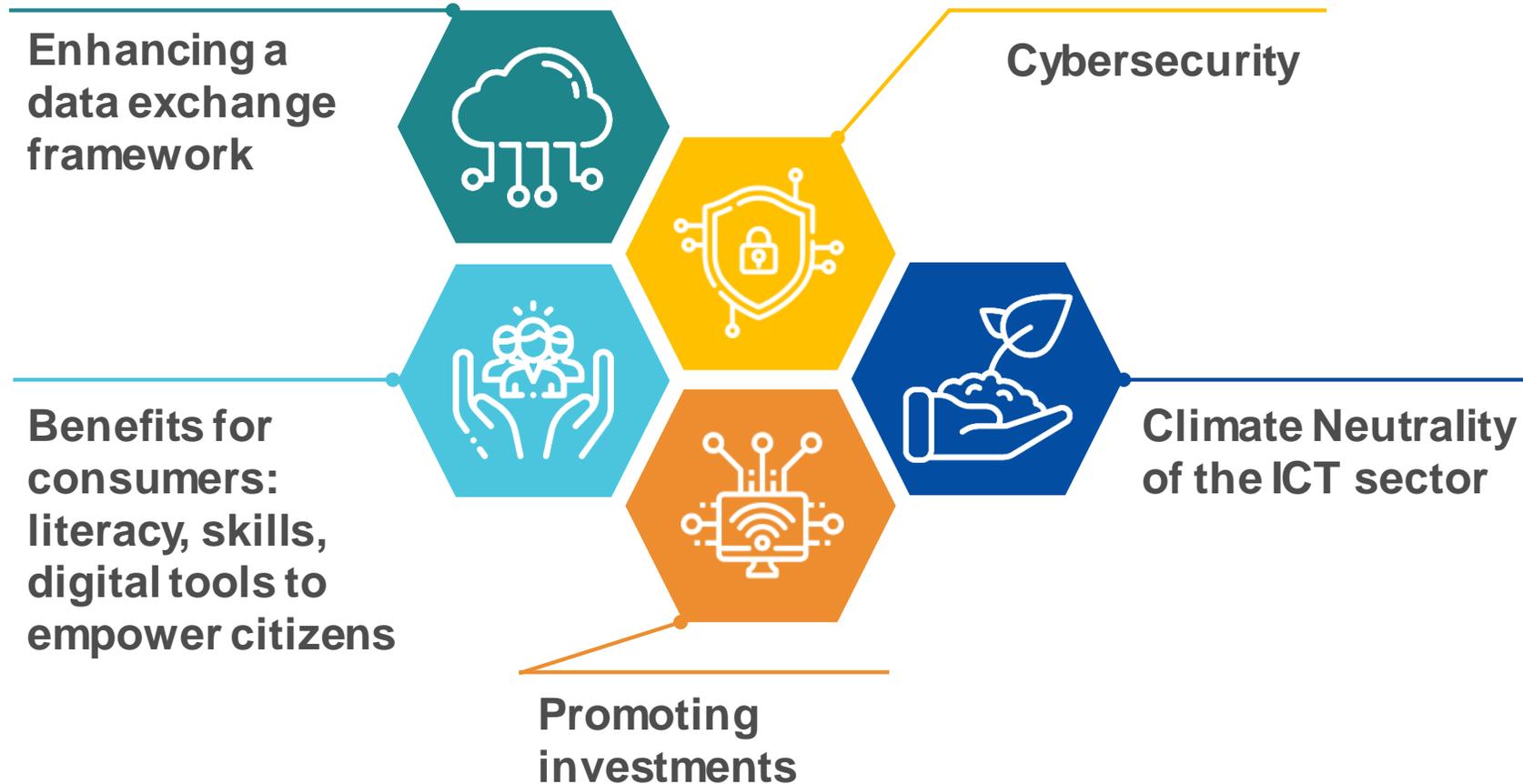
This will cover several policy areas – from renewables to energy efficiency first, energy performance of buildings, as well as land use, energy taxation, effort sharing and emissions trading.



May 2022 : Re-POWER

to **rapidly reduce dependence on Russian fossil fuels and fast forward the green transition**. It covers diversifying energy supply, investing in new sources like biomethan and hydrogen, reinforcing Fit for 55 targets and accelerating the roll-out of Renewables.

DoEAP | The 5 Areas



3 → [See DoEAP Workshops Conclusions](#)

The SGTF expert advice – instrumental over the years for the preparation of a number of key policy initiatives and activities

M490; smart metering minimum functionalities; Clean Energy Package provisions; inspiring the implementing acts on metering and consumption data

standards and interoperability (EG1);

Cybersecurity in energy EC Recommendation; Data Protection Impact Assessment Template; foundation work for the network code on cybersecurity.

Assisted with the reflections on the industrial policy strategy

Closed

industrial policy (EG5);

privacy, data protection and cybersecurity (EG2);

SGTF Steering Committee

prepared the ground, including the proposal templates and evaluation framework, for the 1st calls of smart grids PCIs (Projects of Common Interest); this methodology is still being used (only with minor changes).

infrastructure (EG4);

regulatory/ market design issues (EG3);

inspiring retail market provisions under the Clean Energy Package; foundation work for the development of network code for demand side flexibility.

Closed

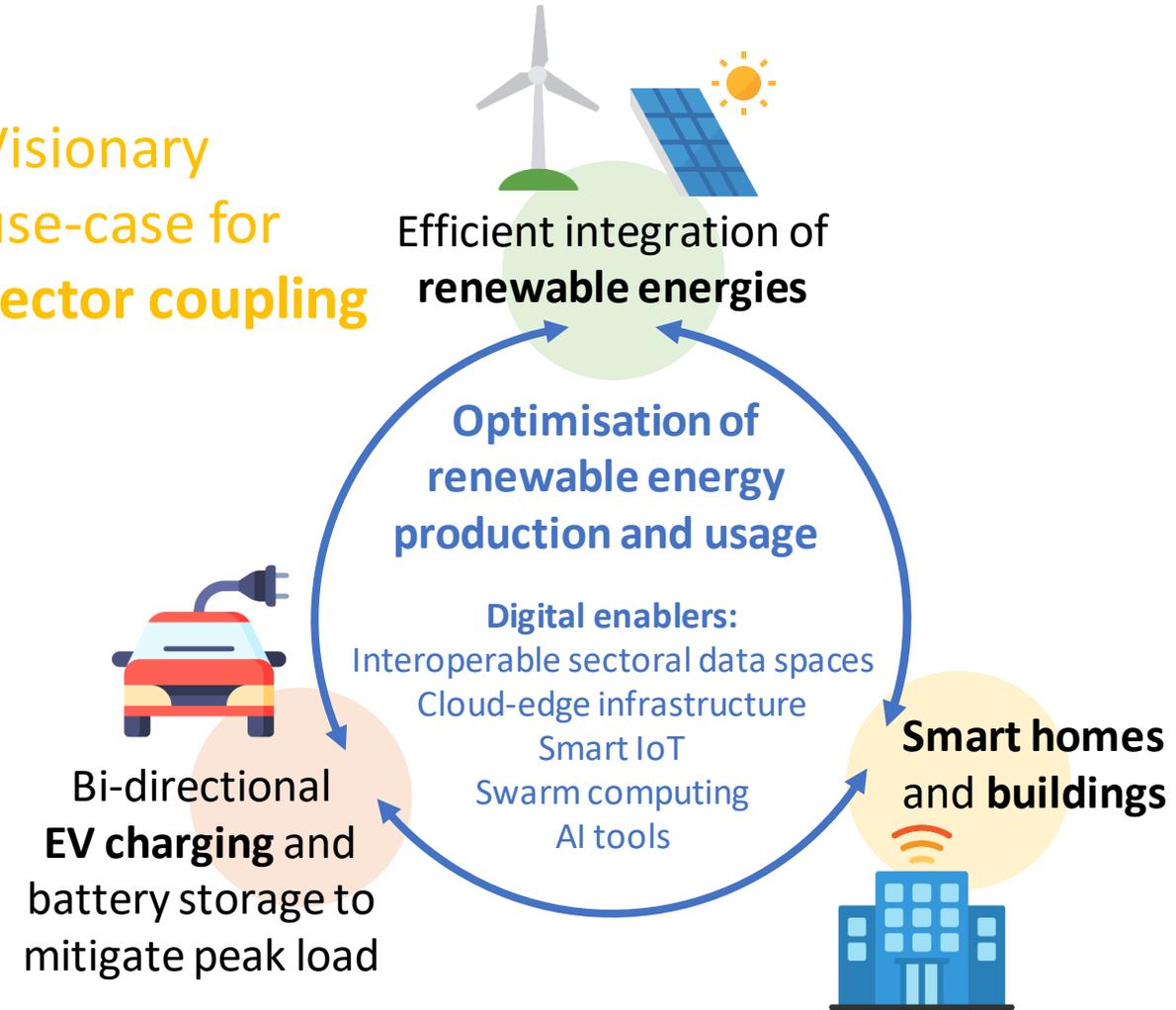
Towards interoperable data spaces

Leveraging the momentum

- **BRIDGE Data WG**
- **GAIA-X** - energy data space
- Converging guidelines: **Open DEI design principles for data spaces**



Visionary use-case for sector coupling



Thank you



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