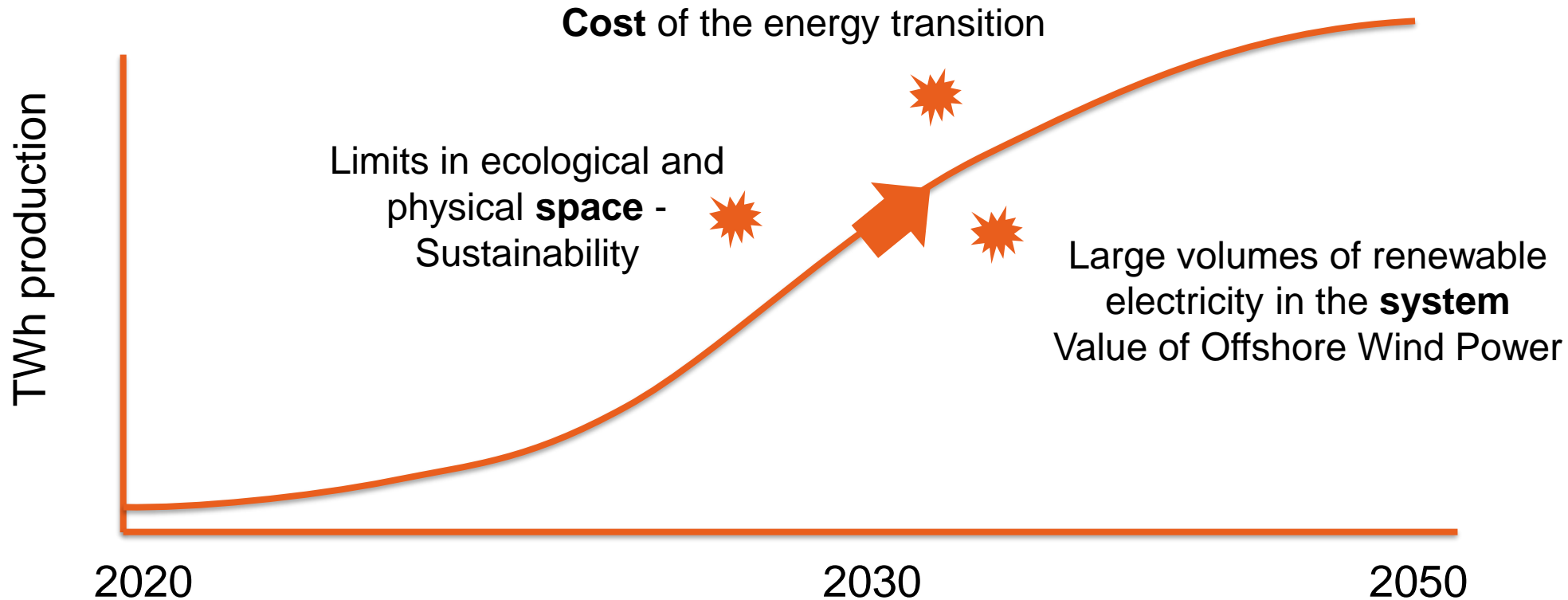
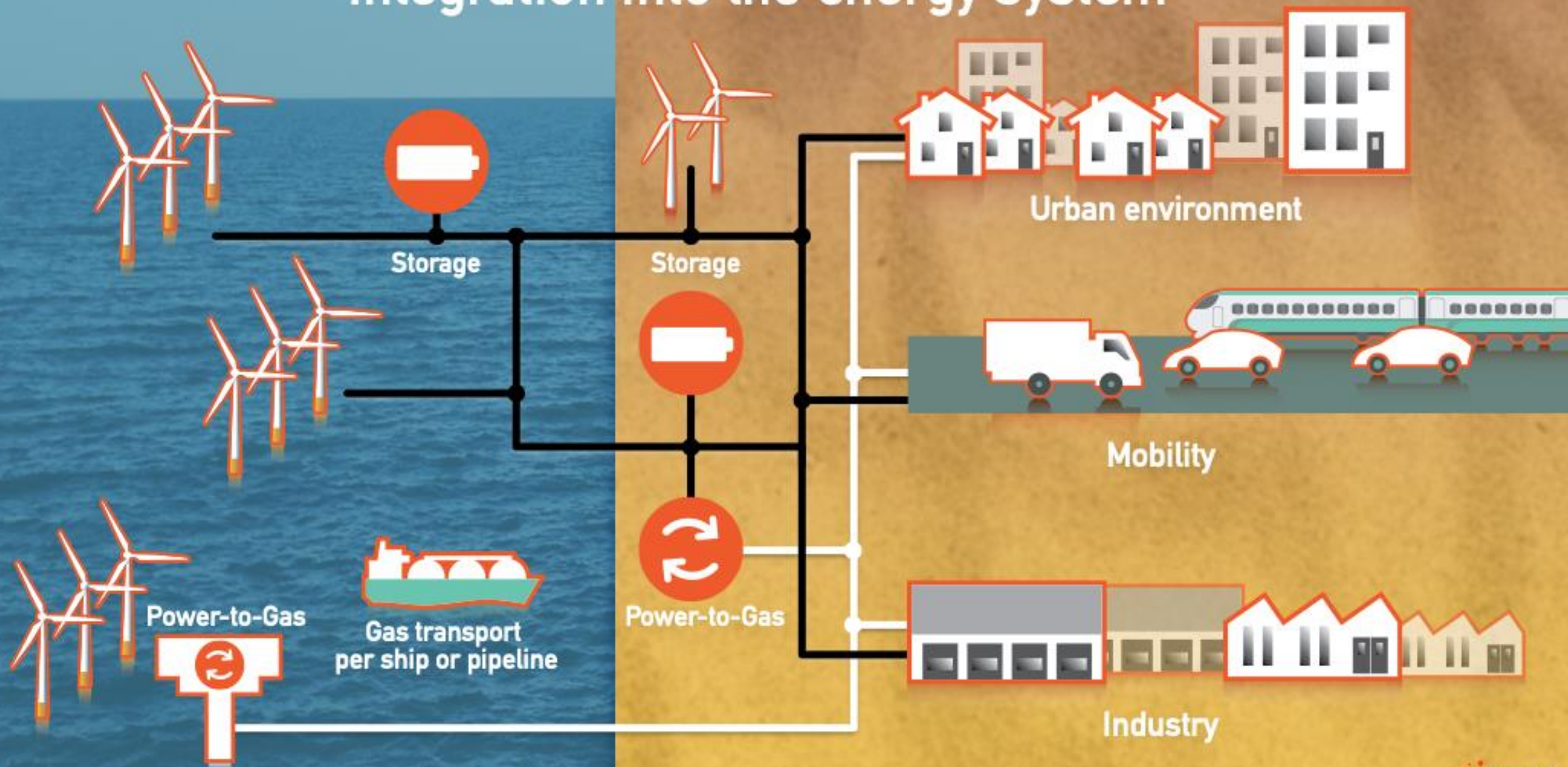


Our innovation mission addresses the challenges in achieving this CO₂ free electricity system in 2050



Integration into the energy system



Overview subsidy instruments

TRL Range	Cost Reduction & Optimisation	Integration in the Energy System	Environment and Ecology
Low TRLs: Discovery	NWO Calls	NWO Calls	NWO Calls
Mid TRLs: Development	HER+	MOOI	MOOI
	MOOI		
High TRLs: Demonstration & Deployment	HER+	MOOI	MOOI
	DEI+	DEI+	DEI+



Overview subsidy instruments

TRL Range	Cost Reduction & Optimisation	Integration in the Energy System	Environment and Ecology
Low TRLs: Discovery	NWO Calls	NWO Calls	NWO Calls
Mid TRLs: Development	HER+	MOOI	MOOI
	MOOI		
High TRLs: Demonstration & Deployment	HER+	MOOI	MOOI
	DEI+	DEI+	DEI+



MOOI - SIGOHE

- System solutions for integration of large scale renewable power generation in the Netherlands (solar & wind / on- & offshore)
- Increase the flexibility of the energy system
- Large scale: units of >1MW with scale-up potential to GW level

- Spans (part of) the value chain in wider cooperation
 - Generation (e.g. offshore wind)
 - Transport and distribution
 - Conversion and storage
 - Demand side

At least 2
elements
including
Generation

Please note: this is partial and preliminary information, subject to change - check www.rvo.nl



MOOI - SIGOHE

- Innovations must be available for a first application latest in 2030
- At the lowest societal cost and contributing to optimal integration in the environment
- Budget € 13 million
- Minimum eligible cost € 2 million, Maximum subsidy € 4 million
- Deadline pre-registration 4 May 2021 (required!)
- Early June advice from advisory committee
- Deadline final proposals 7 September 2021

Please note: this is partial and preliminary information, subject to change - check www.rvo.nl



MOOI – SIGOHE Examples innovation theme's

- Energy switching, conversion, storage hubs
- Solutions to create flexibility in the value chain
- Conversion and storage close to the source
- Research into meshed (offshore) HVDC
- Power quality improvements, ancillary services
- Integrated business cases between generation and off-take in the (chemical) industry
- R&D into improved integration of electrolysers in the energy system based on renewable electricity
- ...

Please note: this is partial and preliminary information, subject to change - check www.rvo.nl

