

Trilemma 2018 and Issues Monitor 2019

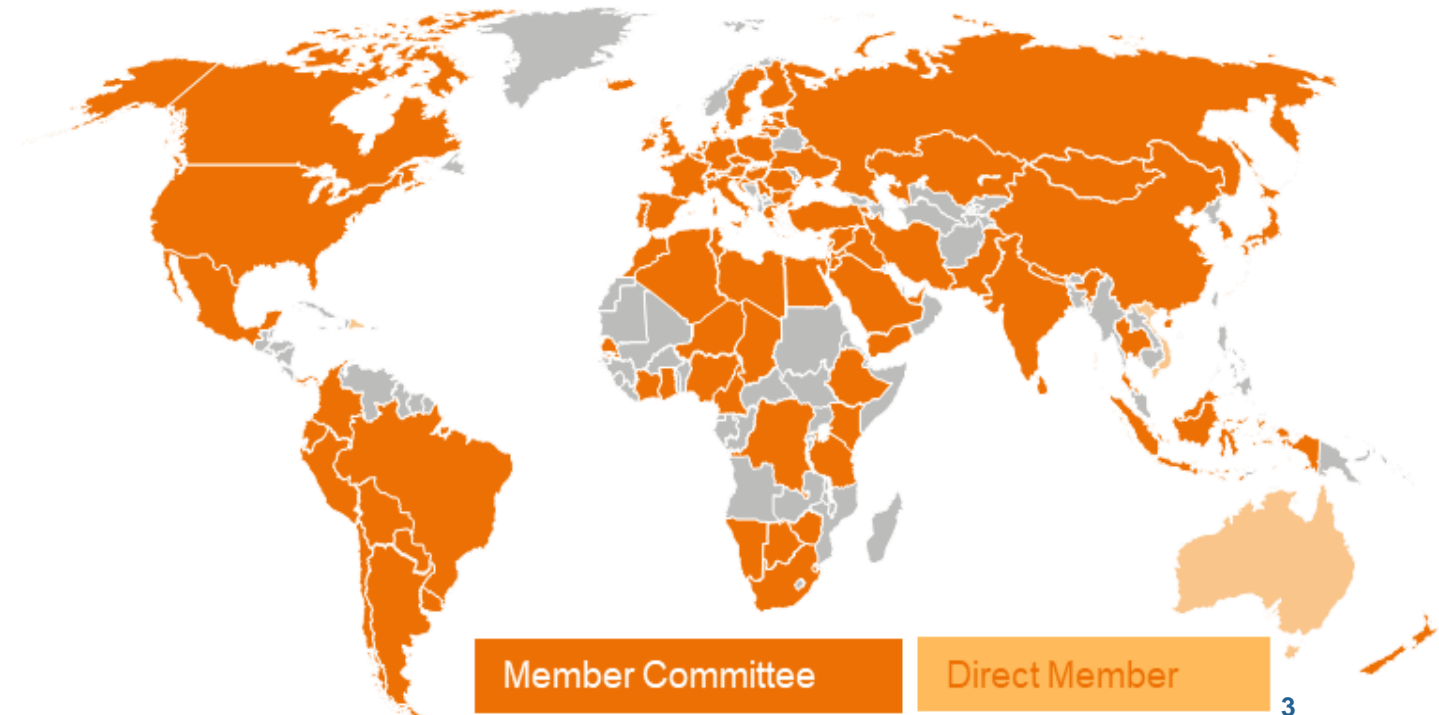
How Slovenian energy sector compares to the rest of the world

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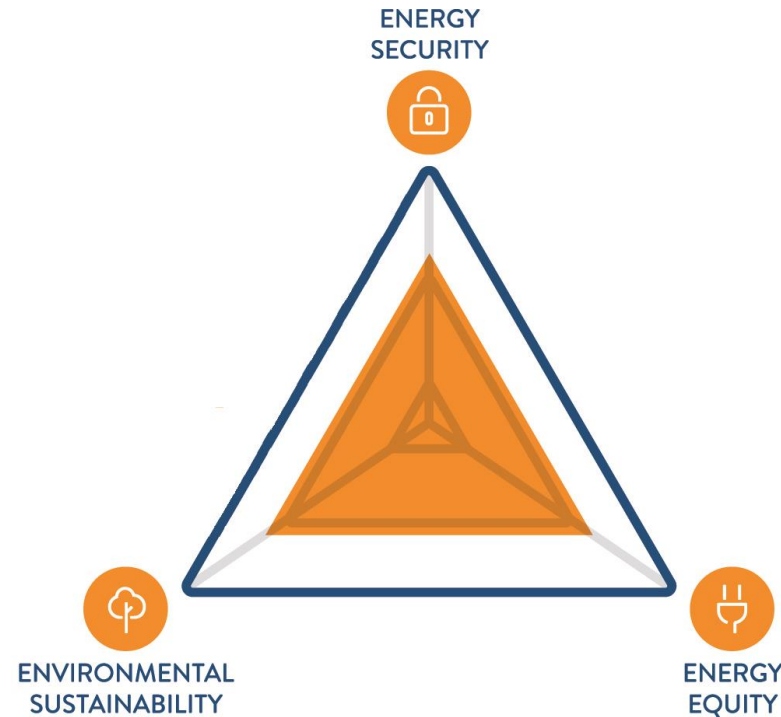
About The World Energy Council

- A registered charity, established in **1923**
- The only **truly global** energy organisation – UN accredited
- A **neutral platform** engaging experts **across the whole energy system and beyond**
- **Promoting robust energy transition** and sustainable energy for all
- We are **impartial**, but not passive!



Slovenian Energy Trilemma 2018

The Energy Trilemma Index



- Comparatively ranks countries in terms of their likely ability to provide a secure, affordable and environmentally sustainable energy system.
- Covers 130 countries.

SLOVENIA

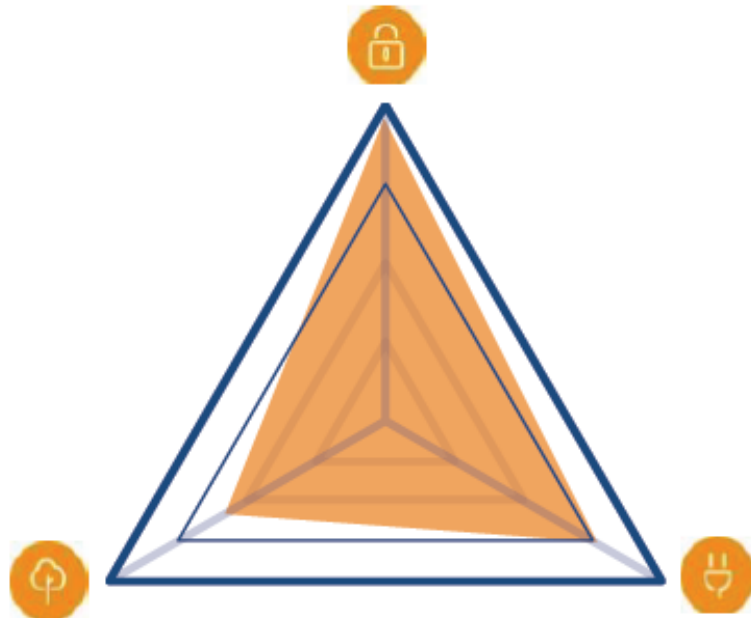
TRILEMMA INDEX RANKINGS AND BALANCE SCORE

RANK

6

SCORE

AAB



	2016	2017	2018	Trend	Score
Overall rank and balance score	12	10	6	▶	AAB
Energy performance					
<div>🔒</div> Energy security	2	2	2	▶	A
<div>🔌</div> Energy equity	25	31	33	▶	A
<div>🌿</div> Environmental sustainability	44	43	58	▶	B
Contextual performance	35	31	29	▶	

A large, textured orange splash graphic on the left side of the slide, with the text 'Fruit for thought' written in white inside it.

Fruit for thought

- **Challenge** for Slovenian Energy Strategy is how to retain high international position.
- **Affordability of energy** is likely to influence the results of all European countries in coming years.
- **Upcoming closures** of nuclear and coal plants in Europe are likely to add pressure on energy security and affordability.
- **Digitalisation** will play a growing role in engagement of citizens and in increasing efficiency.

Issue Monitor 2019

Survey Results and Insights

Introduction to the Issues Monitor

Reality Check

1. The monitor helps to define the world energy agenda and its evolution over time.
2. It provides a high-level perception of what issues of critical uncertainties are as well as identifying those issues that require immediate action or act as developing signals for the future.

How is it used?



**IDENTIFY RISKS
AND UNCERTAINTIES
TAKING PLACE IN
YOUR COUNTRY**



**TRACK THE
PROGRESS IN
YOUR ENERGY
TRANSITION**



**ADVANCE POLICY BASED
ON INFORMED
PERSPECTIVES
OF LEADERS IN THE
ENERGY VALUE CHAIN**



**COMPARE PROGRESS WITH
NEIGHBOURING COUNTRIES
AND OTHER REGIONS**

Survey Results

01

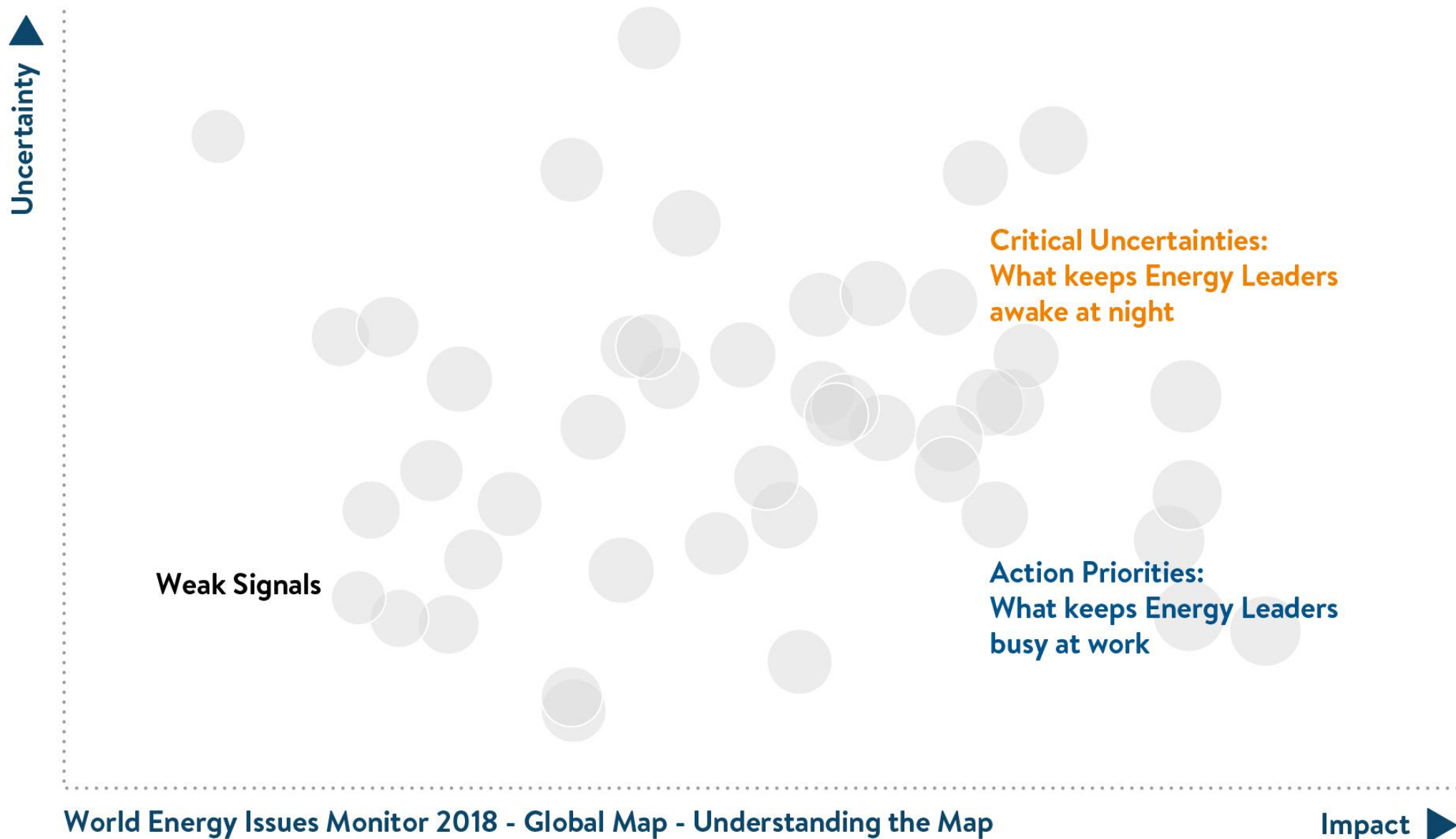
Analysis of 42
issues affecting
the energy
system

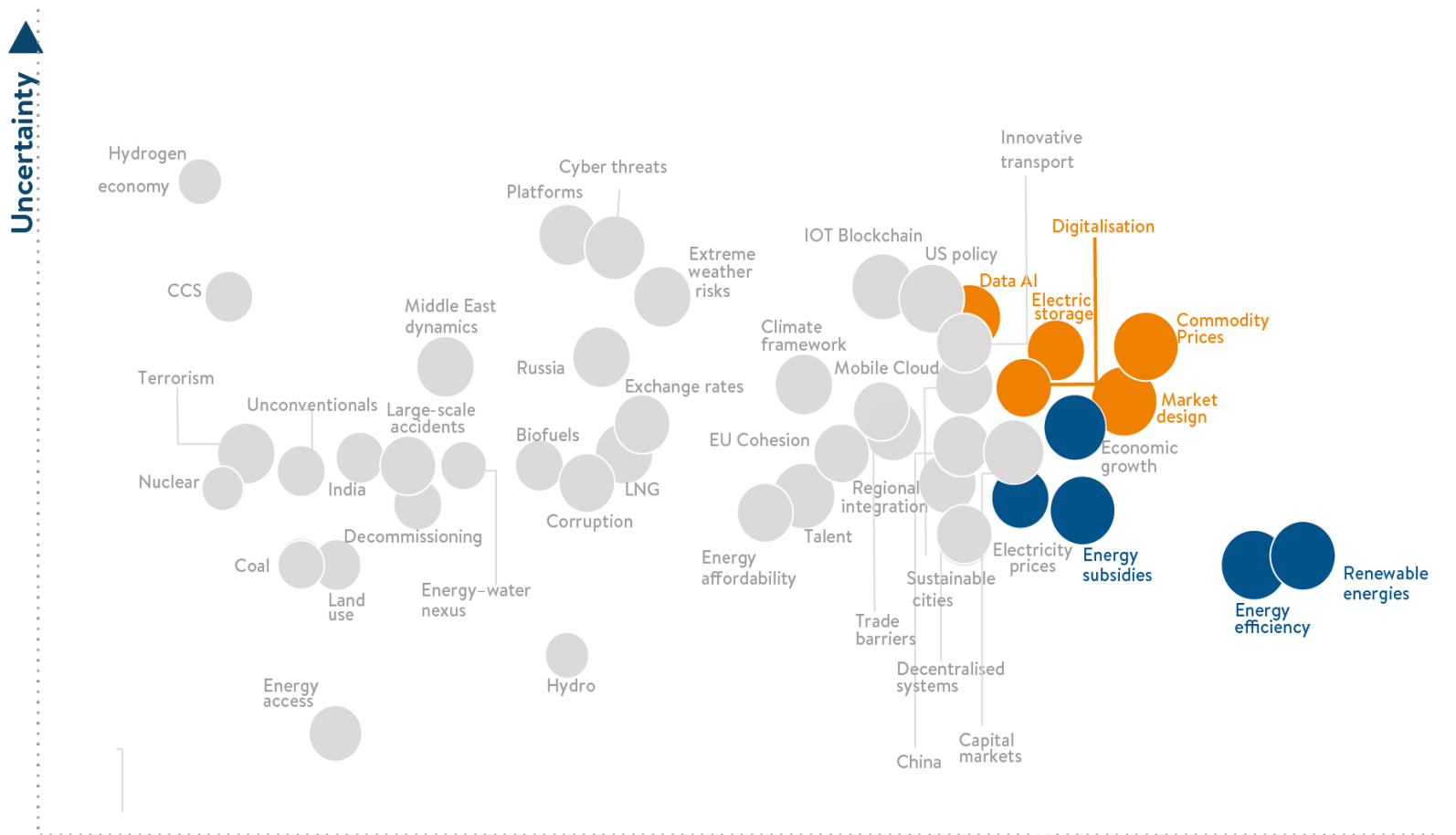
02

Participation of
nearly 2,300
energy leaders in
86 countries

03

7 global maps
6 regional maps
50 national maps





World Energy Issues Monitor 2019 - Global

● Critical uncertainties: what keeps energy leaders awake at night

● Action priorities: what keeps energy leaders busy at work

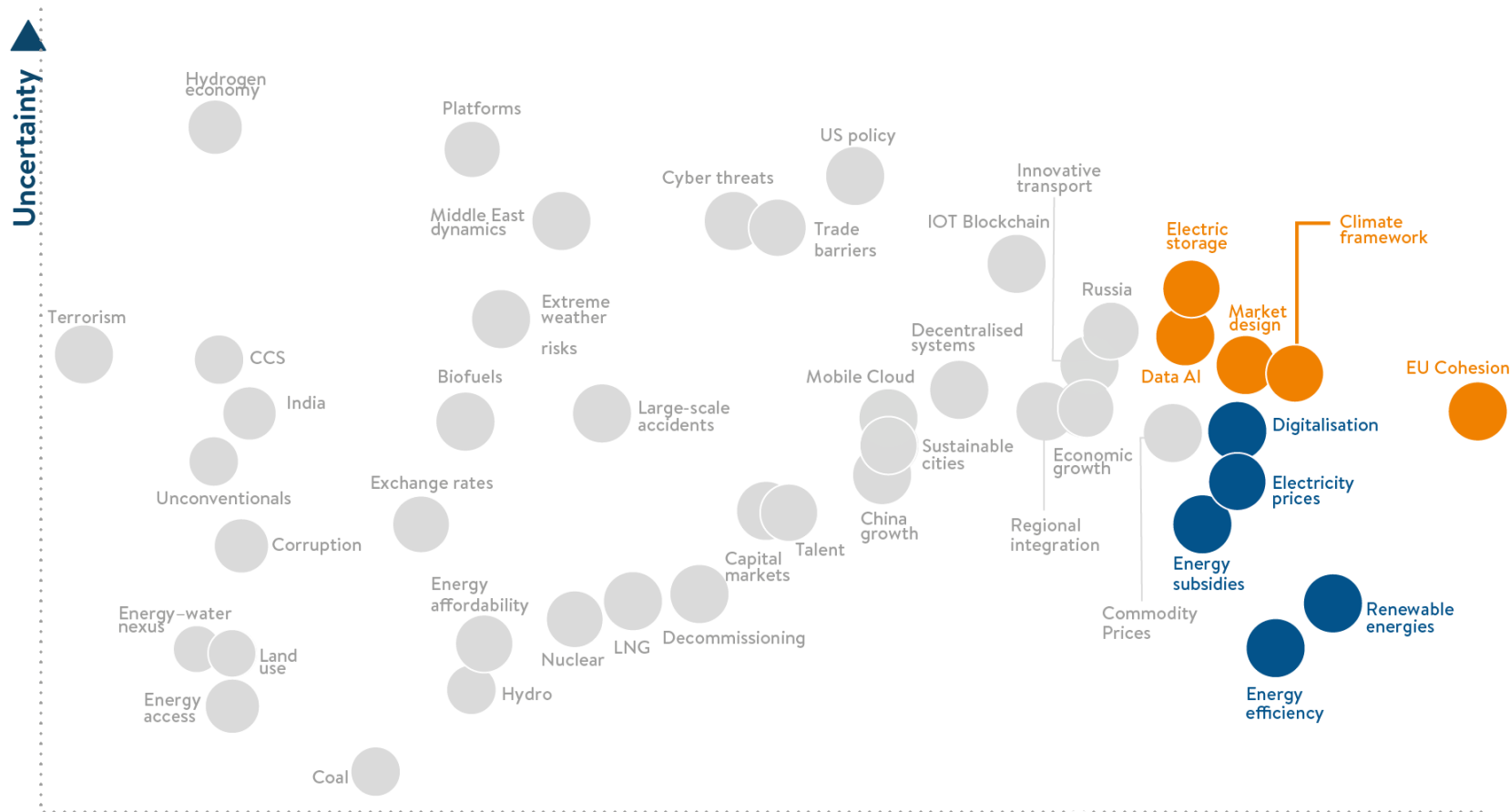
Less urgent ○ ○ ○ More urgent

Impact ►

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Global Insights

- **Market design** rules will need to be updated to incorporate the growing move towards decentralisation.
- **Electrification** is being used as a means to decarbonise the energy sector.
- **Global strategic competition** and the rise of nationalism will impact the pace of the energy transition.
- **Lithium and cobalt** will play a growing role in commodity market risks, traditionally dominated by oil and gas price fluctuations.



Europe Regional Snapshot

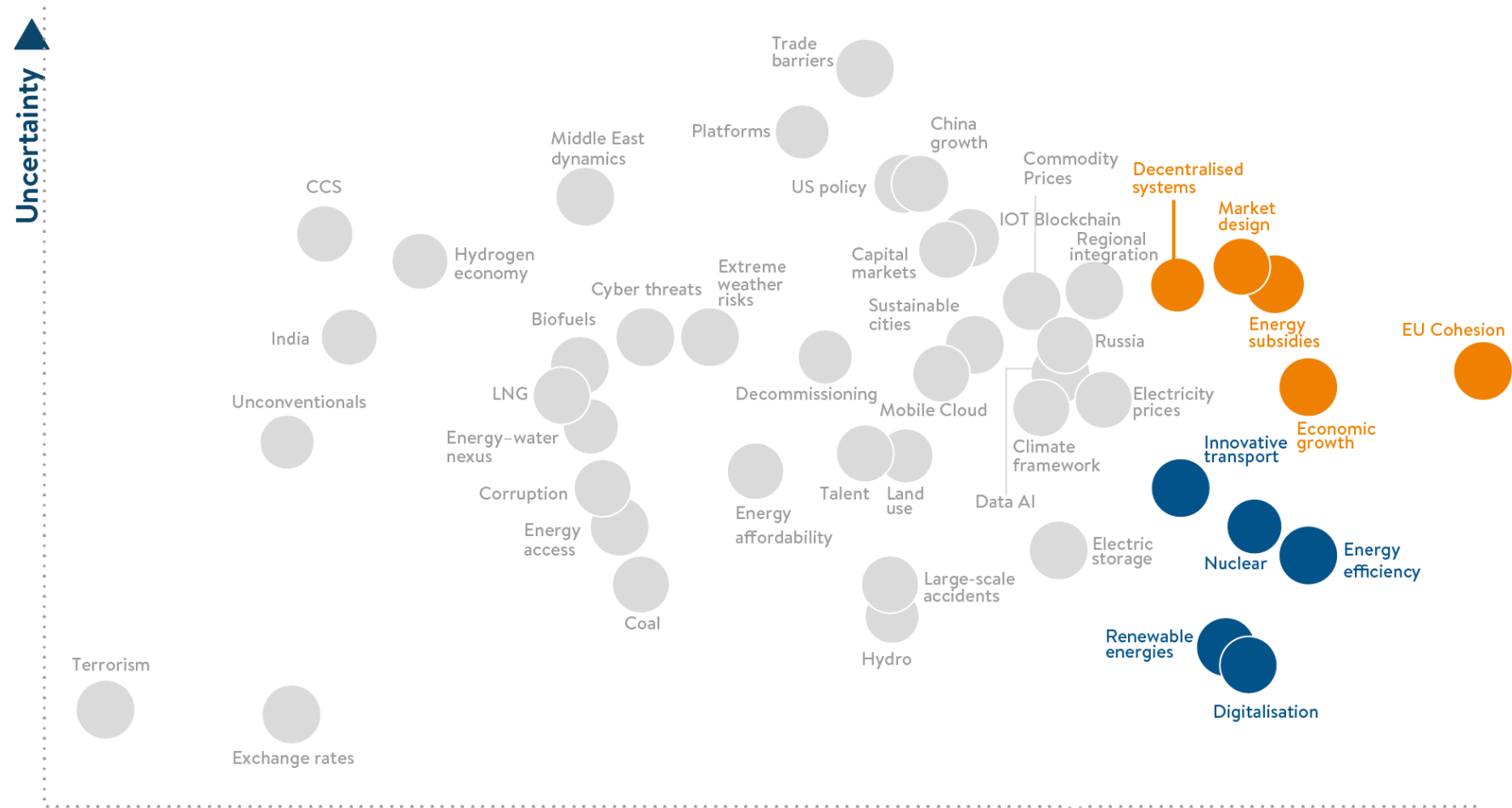
World Energy Issues Monitor 2019 - Europe

● Critical uncertainties: what keeps energy leaders awake at night

● Action priorities: what keeps energy leaders busy at work

Less urgent ○ ○ ○ More urgent

Impact ►



World Energy Issues Monitor 2019 - Slovenia

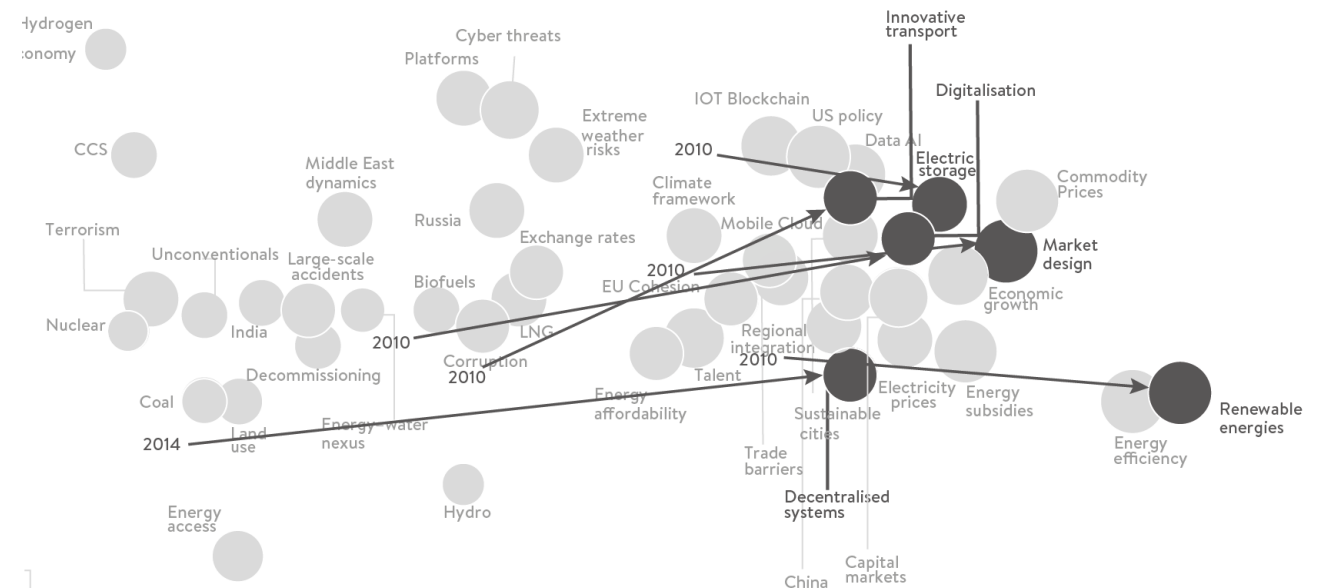
● Critical uncertainties: what keeps energy leaders awake at night
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Less urgent ○ ○ ○ More urgent

Impact ►

Tracking Innovation

- Decentralized systems
- Renewable Energies
- Innovative Transport
- Market Design
- Digitalisation
- Electric Storage



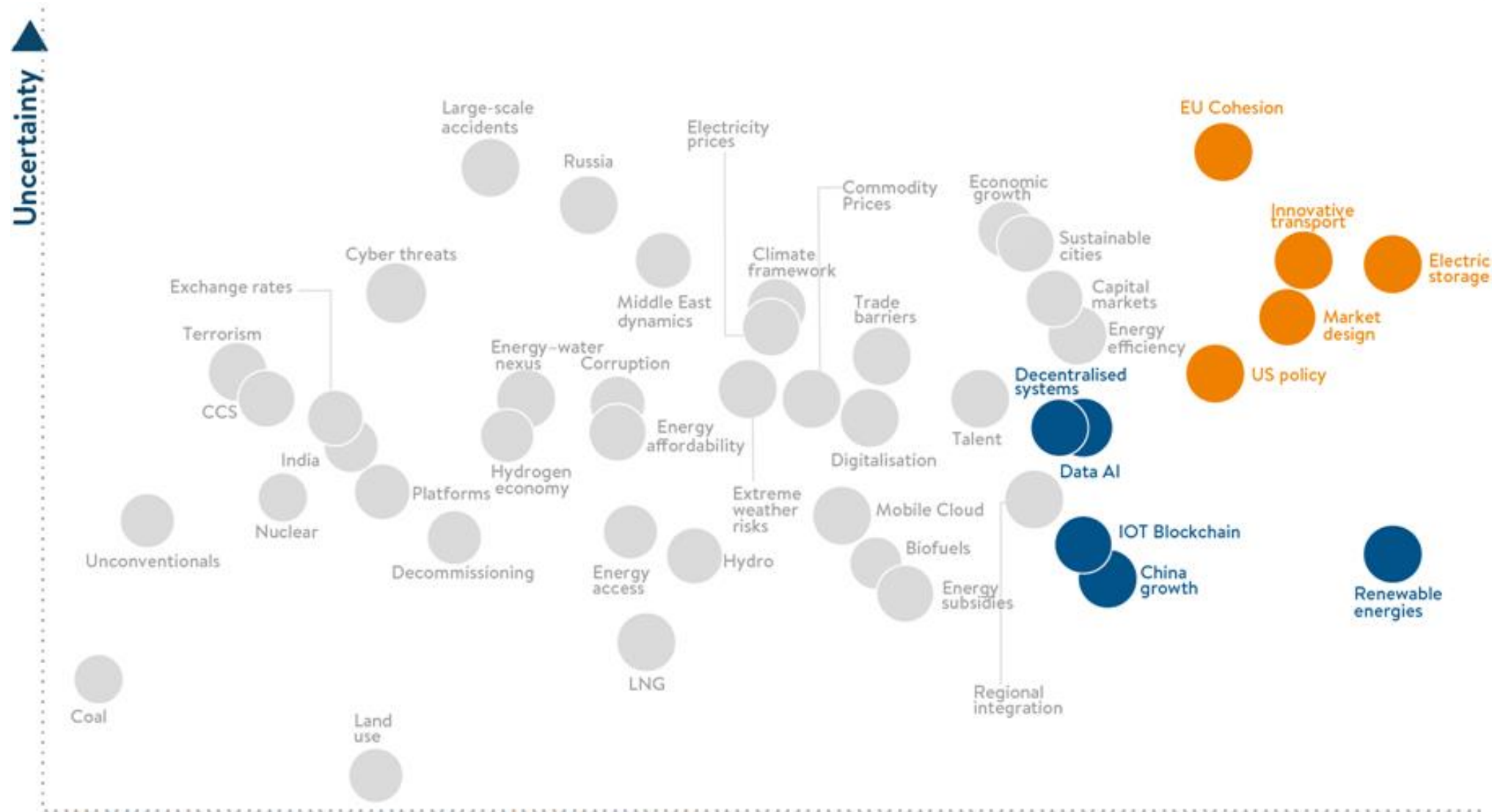
World Energy Issues Monitor 2019 - Global - Innovation

Tracking of select issues from 2010 to 2018



Impact ►

The Innovators Map – SET100



World Energy Issues Monitor 2019 - SET100

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**Prepare your own analysis at
www.im.worldenergy.org**

Thank you!

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