

IOTWeek

Dublin — June 20-23, 2022

Digital Sovereignty Principles

The Future of Infrastructure

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GLOBAL VISION:
IoT TODAY AND BEYOND



IOTForum

What is Digital Sovereignty



*“First, we must have **mastery and ownership of key technologies in Europe.***

*Second, Europe has all the **scientists and all the industrial capabilities** it needs to be competitive in these areas.*

*Third, we need **infrastructure fit for the future***

*Fourth, the raw material of digitalisation is **data.***

*Fifth, we also want innovation. **We must make use of the knowledge that is hiding within this unused data.***

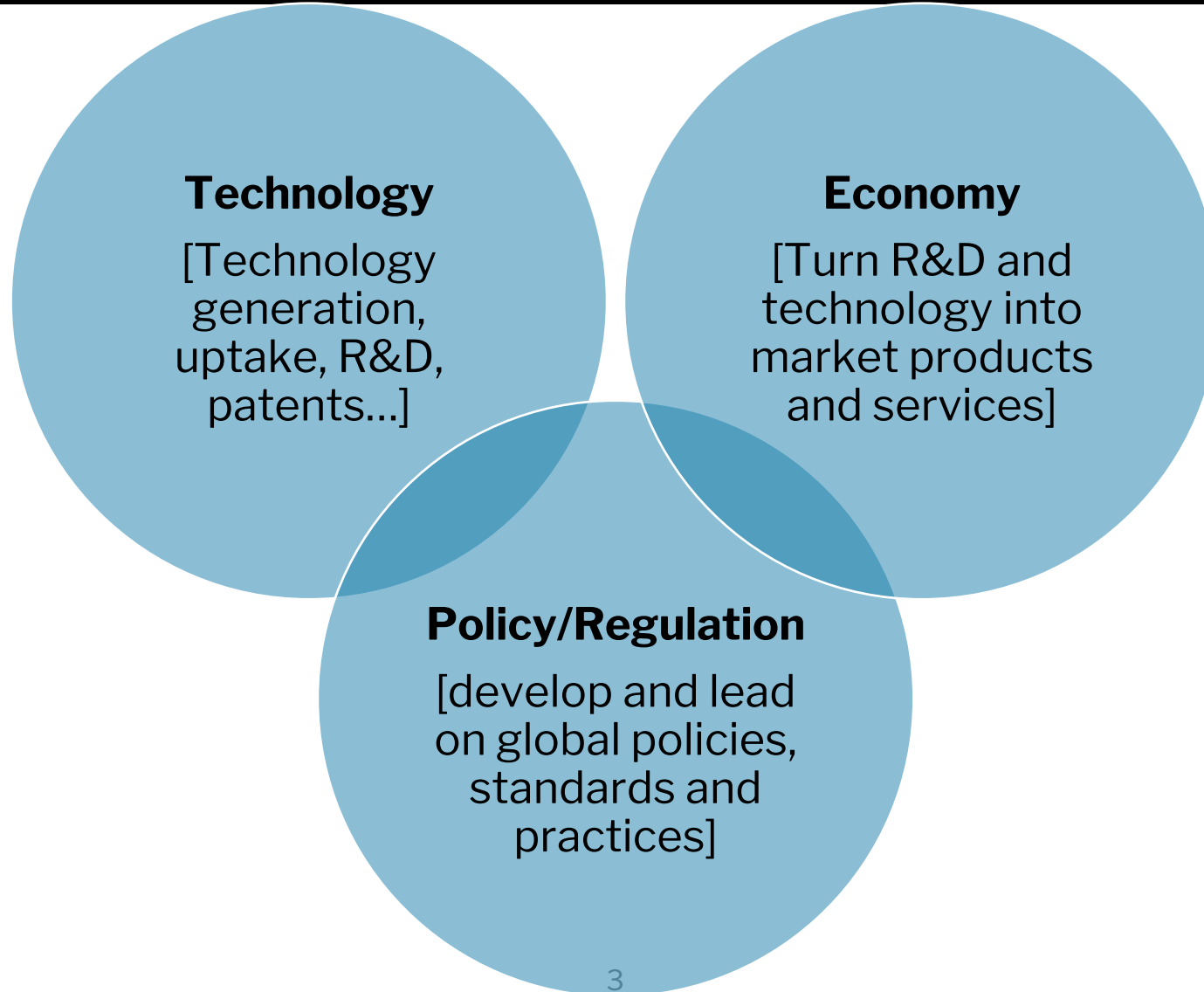
*Sixth, **cyber security and digitalisation** are two sides of the same coin.”*

*‘At the forefront of the major challenges is our **digital sovereignty**, which rests on three inseparable pillars:*

- **computing power,***
- **control over our data and***
- **secure connectivity’***



Digital Sovereignty's Dimensions



Digital Sovereignty's vs. Data Sovereignty

Digital Sovereignty

[capacity for **digital self-determination** by states, companies, or Individuals. It includes control over **data, infrastructure,** and **software** that are created and relied upon to operate in the digital world]

Data Sovereignty

[data being subject to the laws and governance structures within the country it is collected or pertains to]

Digital Sovereignty is important...

Q. Which one of the following best describes your organization's data residency approach to holding GDPR regulated data in the public cloud?

Only hold GDPR data in European datacenters	35%
In process of migrating GDPR data to European datacenters	29%
Policy is not to hold GDPR in the cloud	27%



... and it means business

69% of organizations in Europe agree that digital sovereignty enhances customer, partner, and government trust in their companies.

The top 5 industry sectors here include:



75%

Financial services



74%

Retail/
wholesale



72%

Telecoms



66%

Public sector

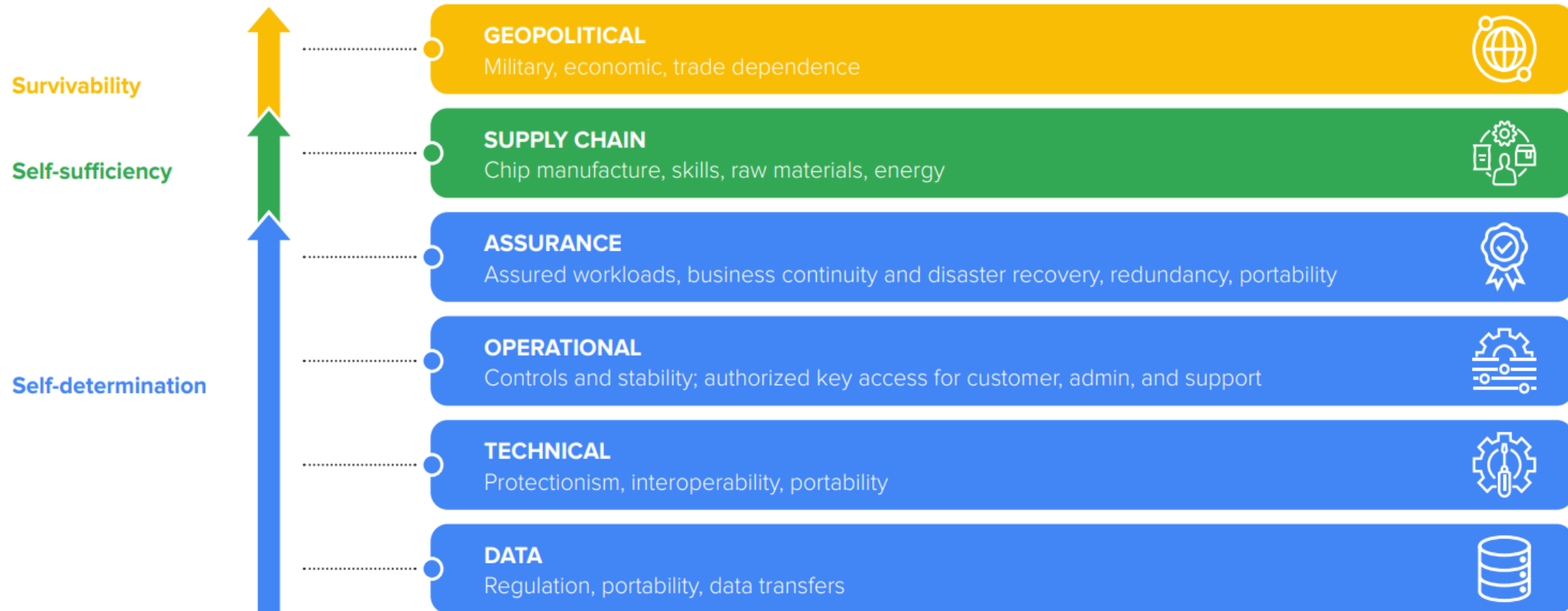


64%

Manufacturing

- **40%** will include digital sovereignty principles/requirements for service providers in RFPs by 2024.
- **57%** agree that digital sovereignty helps prevent unfair competition in digital markets and encourages rules-based ecosystem partner cooperation.

Digital Sovereignty's Layers



Digital sovereignty encompasses *several layers or attributes*, shifting gear and emphasis from **self-determination** to **self-sufficiency** to **survivability**

The logo for IOTWeek, with 'IOT' in a multi-colored font (blue, orange, pink) and 'Week' in white. The background is a dark, dimly lit conference hall with rows of chairs and a stage area.

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Thank you!

Find more:

*Sovereign Clouds and the Digital Sovereignty
Imperative: Europe's Quest for Digital Independence*

IDC Executive Snapshot, 2022

iotweek.org