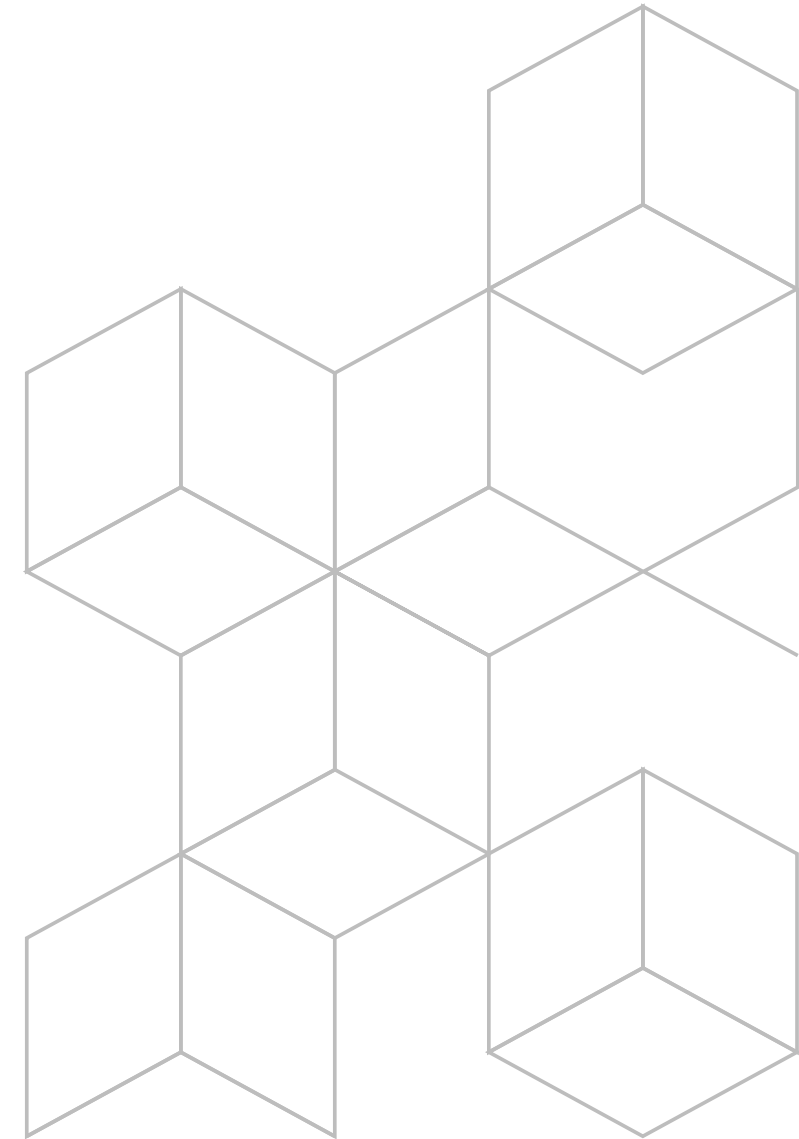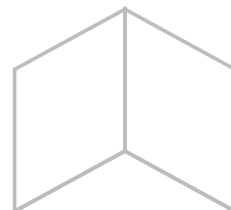# Digital Croatia 2030

Ratko Mutavdzic
CEE Regional Technology Officer
Microsoft Corporation

EU Digital Decade

A Europe fit for Digital Age

EU Strategy

Digital Compass
Digital Europe
...
Industrial Strategy
Connectivity Strategy

...

EU Policies

Digital Markets Act
Digital Services Act
Digital Skills

...

EU Platforms

Artificial Intelligence
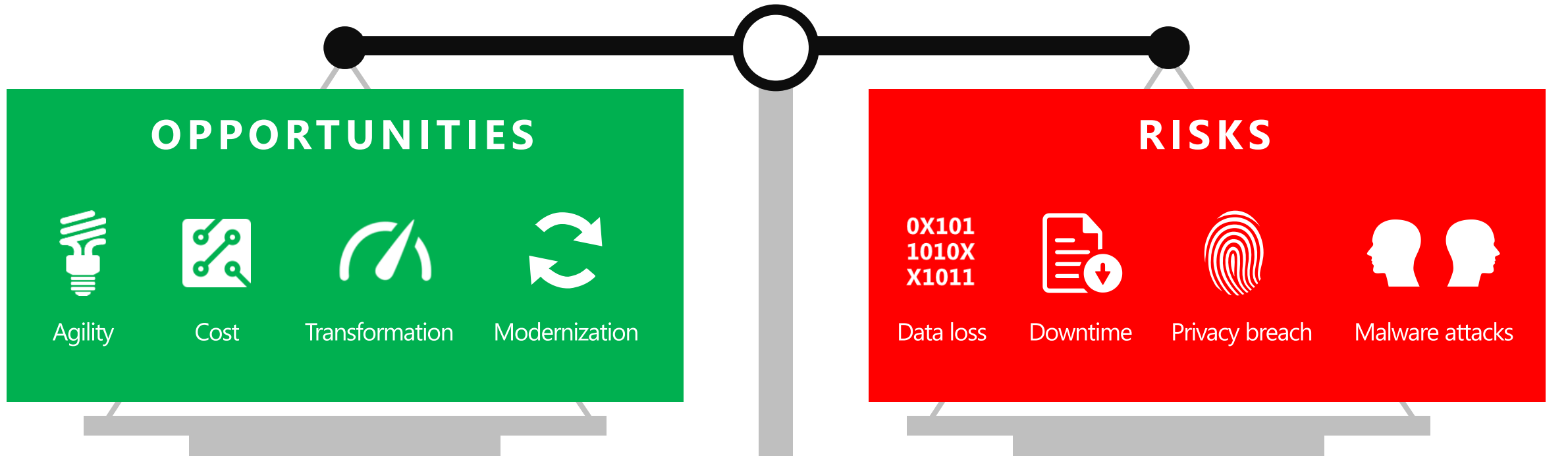HPC
Data
Cyber Security
Cloud

...

EU Digital Future

Technology that works for the people
A fair and competitive digital economy
An open, democratic and sustainable society
Europe as a global leader

Next Generation EU

"The Commission is determined to make this Europe's "Digital Decade". Europe must now strengthen its digital sovereignty and set standards, rather than following those of others – with a clear focus on data, technology, and infrastructure."
A Europe fit for digital age

Challenges of balancing Opportunities and Risks

OPPORTUNITIES

Agility   Cost   Transformation   Modernization

RISKS

0X101
1010X
X1011

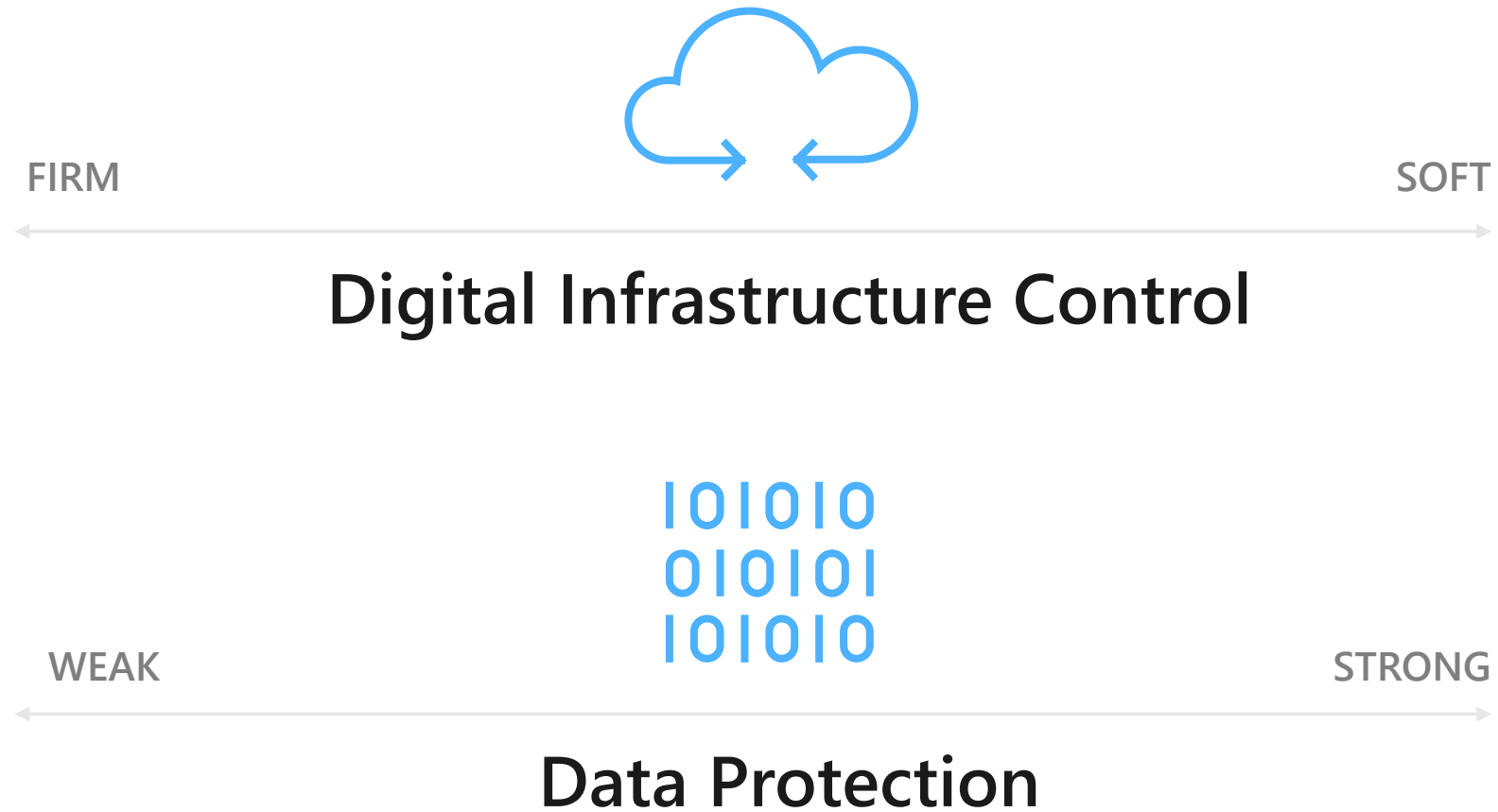Data loss   Downtime   Privacy breach   Malware attacks

Enabling the Data and Platform Value

Data as a lifeblood of digital economic systems
Platforms that enable data monetization
Focused Innovation vs. Policies for Everything
Understanding what can be processed where
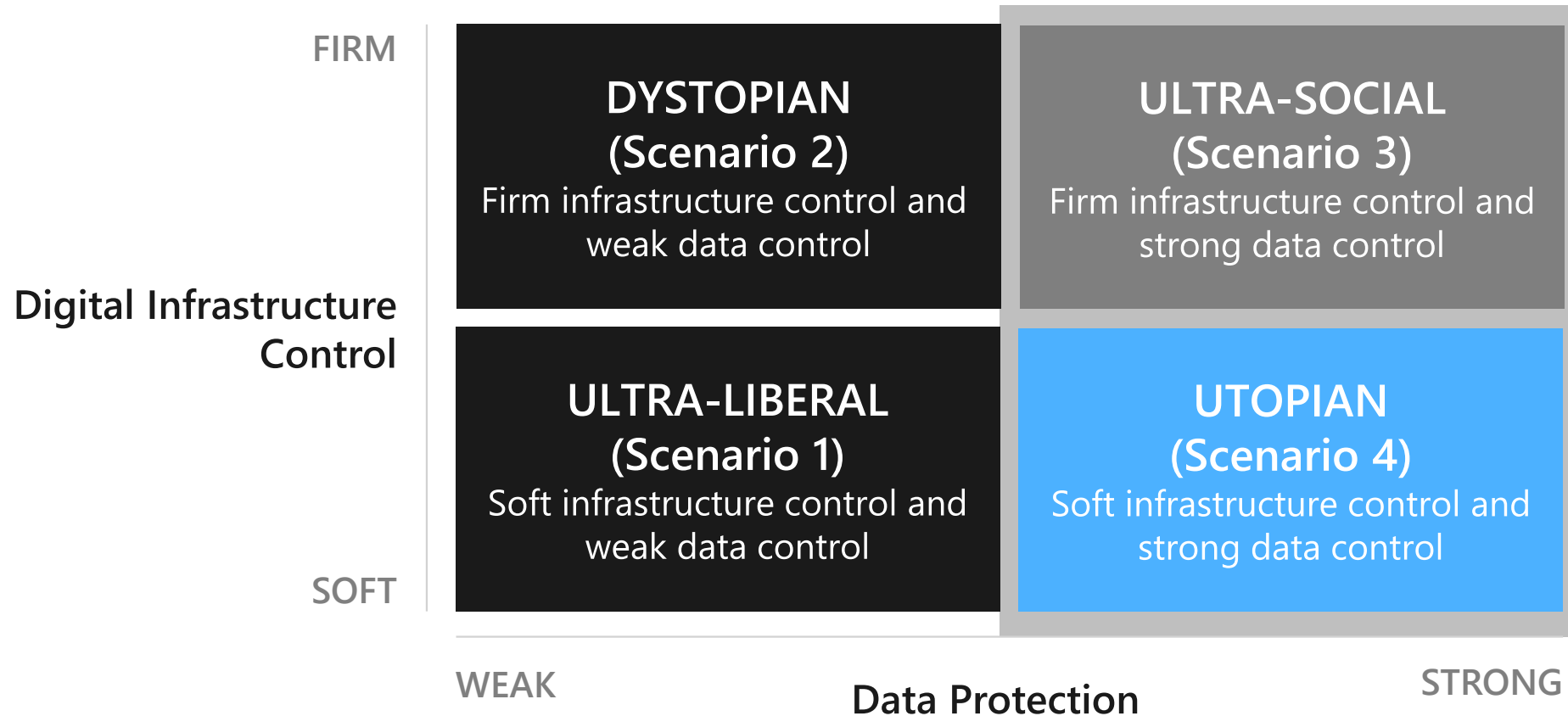respecting value vs. privacy vs. confidentiality

Protecting the Data and Platform Control

Digital Sovereignty in the context of Europe
Autarky vs. Sovereignty vs. Residency
Location vs. Security vs. Compliance
Understanding what we need to protect vs.
what we want to control
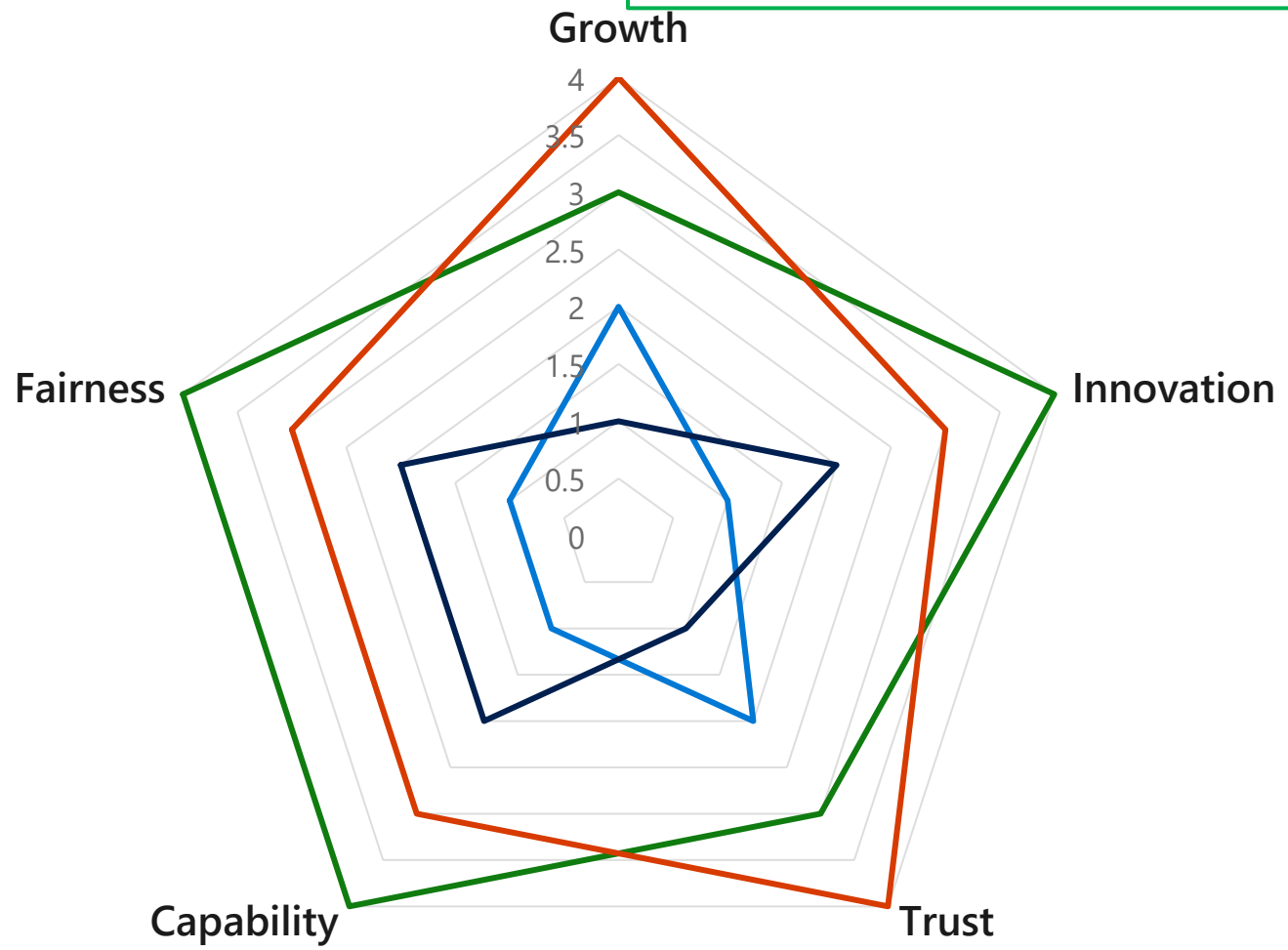
Digital Sovereignty Continuum

FIRM ← → SOFT

Digital Infrastructure Control

WEAK ← → STRONG

Data Protection

Digital Sovereignty Control Map

Digital Infrastructure Control

FIRM

SOFT

Data Protection

WEAK

STRONG

DYSTOPIAN (Scenario 2)
Firm infrastructure control and weak data control

ULTRA-SOCIAL (Scenario 3)
Firm infrastructure control and strong data control

ULTRA-LIBERAL (Scenario 1)
Soft infrastructure control and weak data control

UTOPIAN (Scenario 4)
Soft infrastructure control and strong data control

*adapted from EIT Digital Sovereignty Report, 2020.

Digital Sovereignty Radar

Legend: S1 ULTRA LIBERAL, S2 DYSTOPIAN, S3 ULTRA SOCIAL, S4 UTOPIAN

Axes: Growth, Innovation, Trust, Capability, Fairness

Scale: 0, 0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4

Selecting the scenarios where we see the biggest opportunities in the areas of **Growth**, **Innovation**, **Trust**, **Capabilities** and **Fairness**.

ULTRA-SOCIAL (Scenario 3)
Firm infrastructure control and **strong data protection**

UTOPIAN (Scenario 4)
Soft infrastructure control and **strong data protection**

*adapted from EIT Digital Sovereignty Report, 2020.

Security vs. Compliance in Practice

Infrastructure Control

SOFT

FEDERATED CLOUDS: integrated infrastructure providing the "best of the breed"
HYBRID CLOUDS: infrastructure aligned to the workload requirements
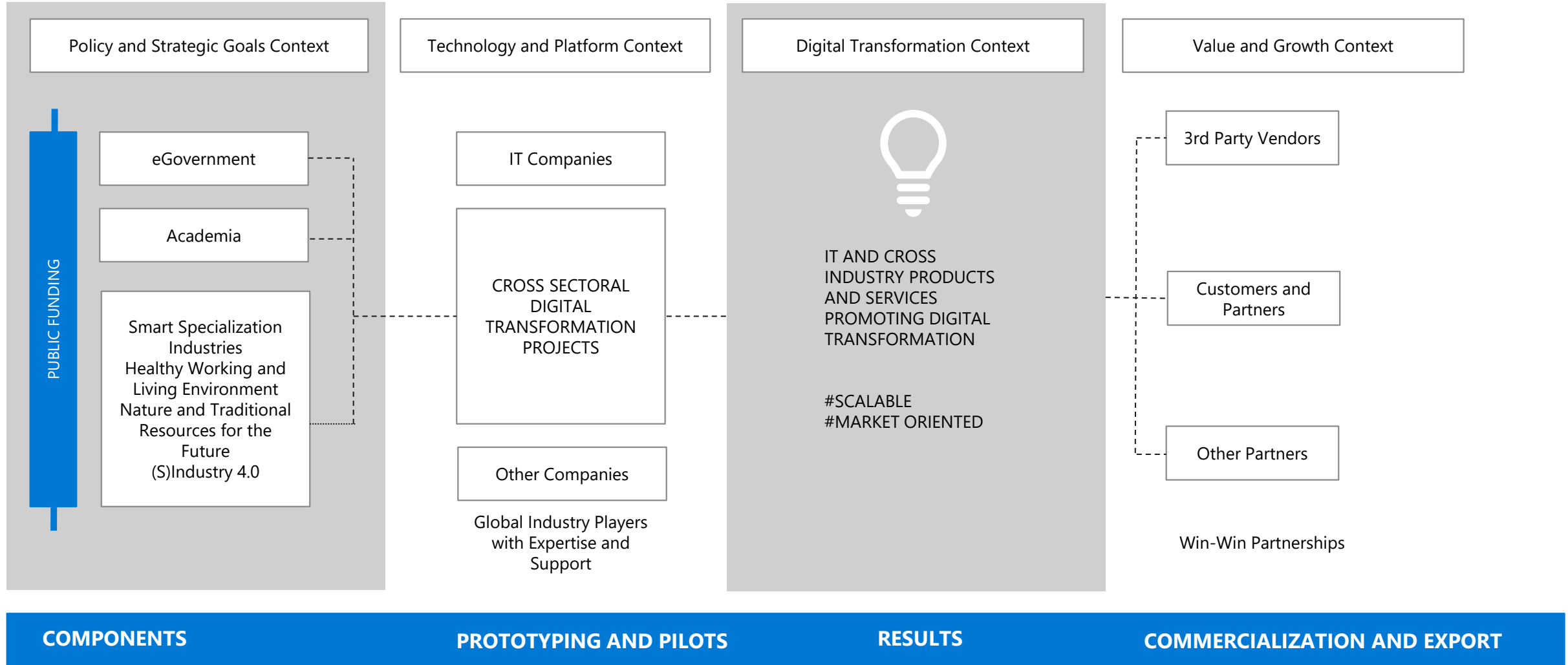MULTI CLOUD: free market services with services orchestration and automation

IOIOIO
OIOIOI
IOIOIO

Data Protection

STRONG

DATA SOVEREIGNTY: controlling the data with legal and technical means
DATA GOVERNANCE: understanding where is the value in the data

Enabling the Continuum with Private Sector

Policy and Strategic Goals Context	Technology and Platform Context	Digital Transformation Context	Value and Growth Context

PUBLIC FUNDING

eGovernment

Academia

Smart Specialization Industries
Healthy Working and Living Environment
Nature and Traditional Resources for the Future
(S)Industry 4.0

IT Companies

CROSS SECTORAL DIGITAL TRANSFORMATION PROJECTS

Other Companies

Global Industry Players with Expertise and Support

IT AND CROSS INDUSTRY PRODUCTS AND SERVICES PROMOTING DIGITAL TRANSFORMATION

#SCALABLE
#MARKET ORIENTED

3rd Party Vendors

Customers and Partners

Other Partners

Win-Win Partnerships

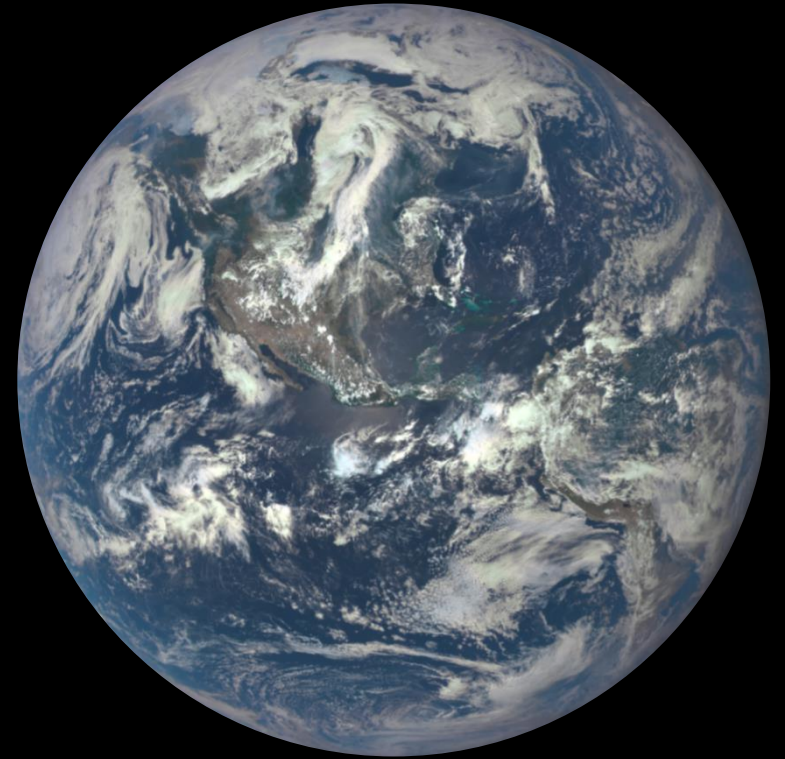| COMPONENTS	PROTOTYPING AND PILOTS	RESULTS	COMMERCIALIZATION AND EXPORT

Top Questions for Croatia

What is the role of digital for Croatia in the Future?

- **EU Strategy: Industries?** What industries are "intelligent" - core national focus Smart Specialization
- **EU Policies: Markets and Services?** How do we find balance between regulation and growth
- **EU Policies: Digital Skills?** How do we create skills pool to support digital growth
- **EU Platforms: Value Focus?** What should be value focus / specialization? AI Data Context?
- **EU Platforms: Technology Focus?** Data and Cloud as value enablers

---

- **Croatia Strategy**: Role of greener, more digital and resilient Europe
- **Croatia Strategy**: Partnerships and ventures for technology transfer, knowledge intensive
- **Croatia Policies:** Platforms and ecosystems that differentiate us globally
- **Croatia Platforms**: Supporting the growth of digital based entrepreneurship
- **Croatia Platforms:** Digital sovereignty and making the most of data?

Microsoft Mission

Empower every person and every organization
on the planet to achieve more.

Microsoft

Microsoft