DATA MANAGEMENT

CURRENT TRENDS & CHALLENGES

KEY CONSIDERATIONS

- Business
- Technological
- Regulatory

1. Augmented Analytics
2. **Self-Service Data Management And Analytics Tools**
3. **Cloud-Native Solutions For Data Analytics**
4. **Hiring a Chief Data Officer**
5. Taking Advantage Of Data Exchanges
6. The Use of Blockchain And Distributed Ledger Technology
7. From Data Visualization To Data Stories

Growing Data Management awareness

Forbes
Communications Council

Data-driven enterprise of 2025

- Data embedded in every decision, interaction and process
- Data is processed and delivered in real time
- Flexible data stores enable integrated, ready-to-use data
- The CDO's role is expanded to generate value
- Data-ecosystem memberships are the norm
- Data Management is prioritized and automated

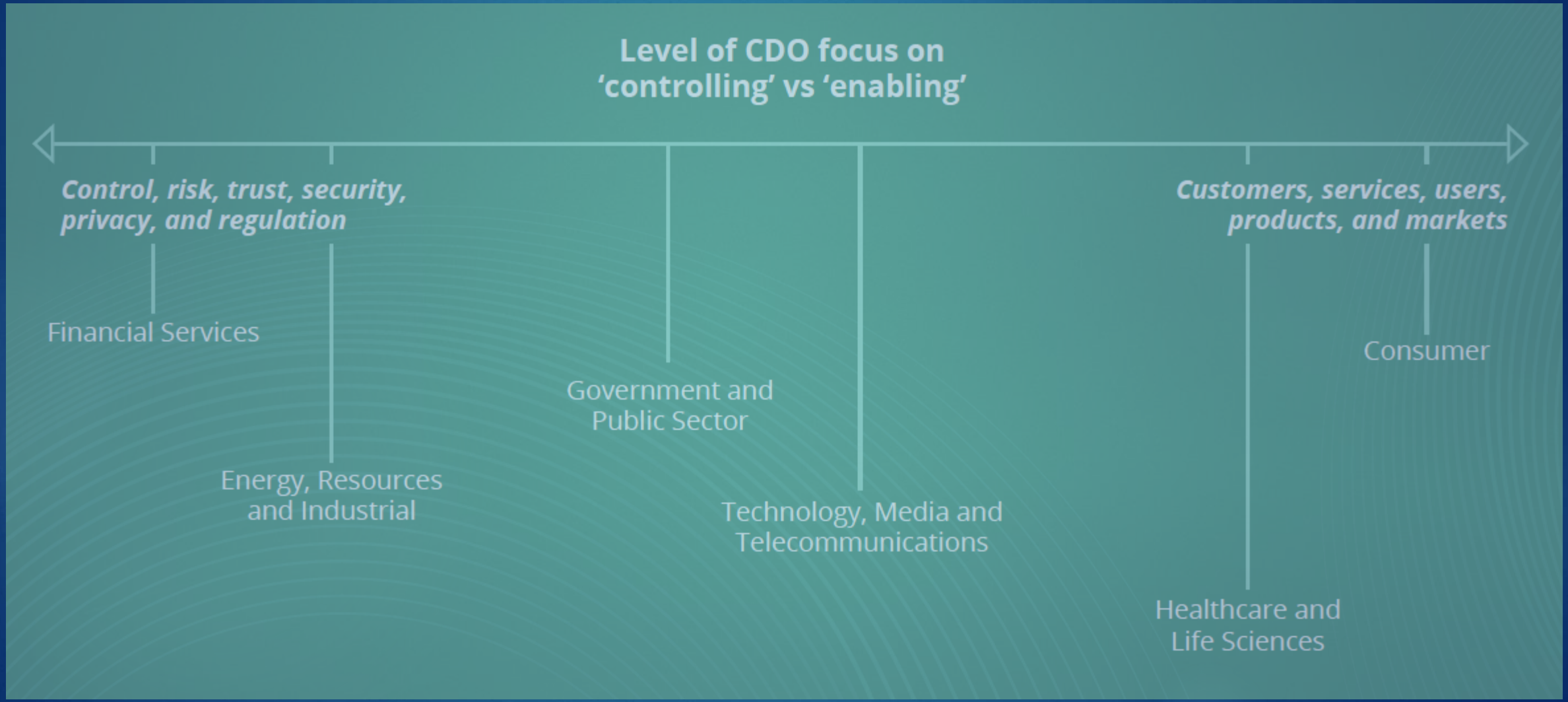
McKinsey & Company

1st Chief Data Officer Report

1. There is no typical CDO role
2. CDOs typically have very broad set of internal stakeholders
3. Most CDOs do not report to board member
4. Lack of data literacy remains a barrier for culture change
5. CDOs role shift towards more strategic and less operational
6. Over 80% CDOs do not identify as technologists

Deloitte.

CDOs' roles distribution

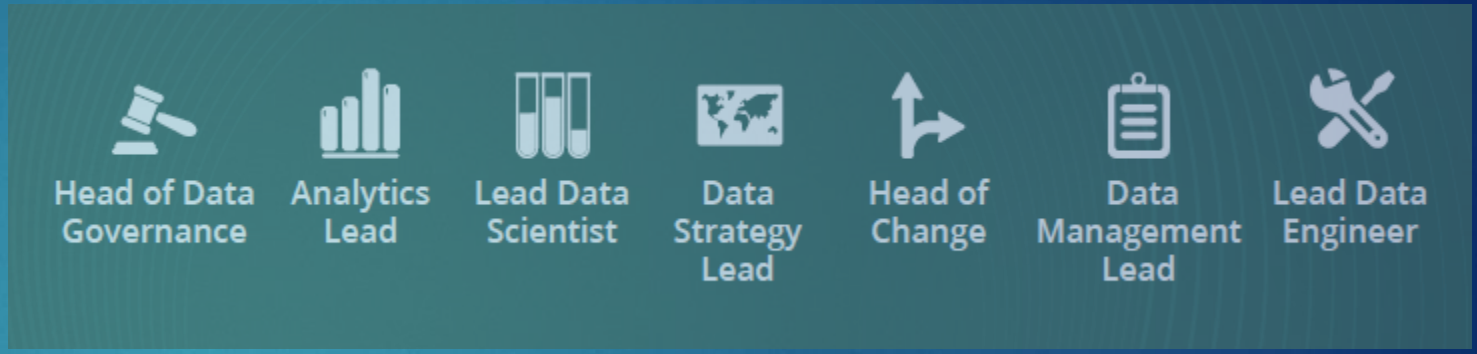


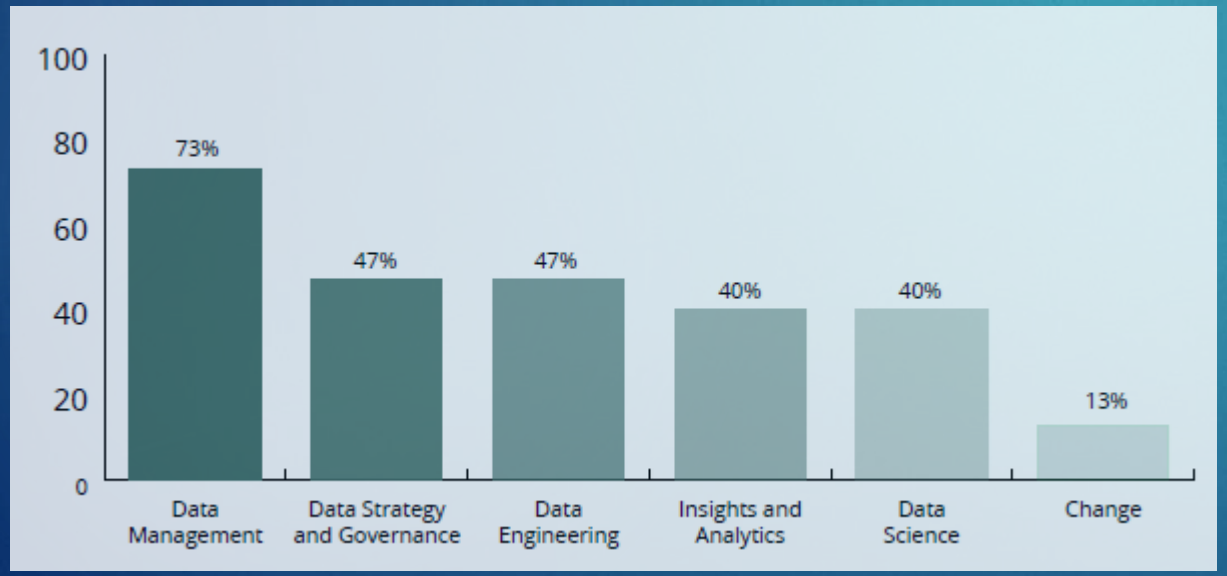
1st Chief Data Officer Report cont.

7. CDOs looking to develop their business case for funding data transformation
8. CDOs are growing their teams but face challenges in a highly competitive market for skills
9. CDOs are focusing on developing skills in house

Deloitte.

Roles which typically report to CDO





% of CDOs who have a dedicated team or resources in each area

CDOs' future role transformation

Now

CDOs reported that they see their current role split across all four faces, but with the strongest focus on Operator: delivering data services to support the business.

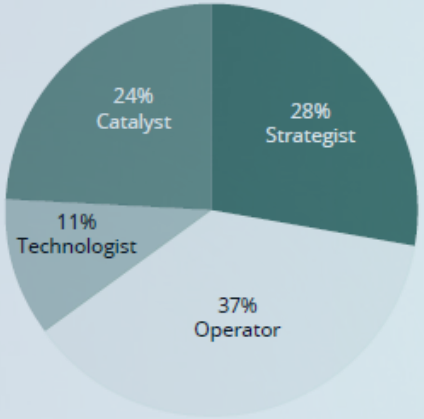


Figure 5: Four faces: current role

Technologist

53% of participants did not allocate time to the technologist role at all. No CDOs identified 'Technologist' as being their main focus.

Operator

Participants flagged that they currently spend the majority of their time as an operator, with over half of participants highlighting it as their dominant or jointly dominant role.

Future

CDOs reported to us that they would like to focus most of their effort on Strategist: leading data activities across their organisation.

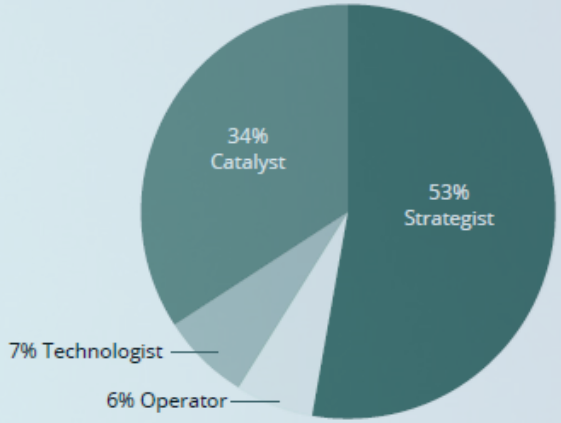


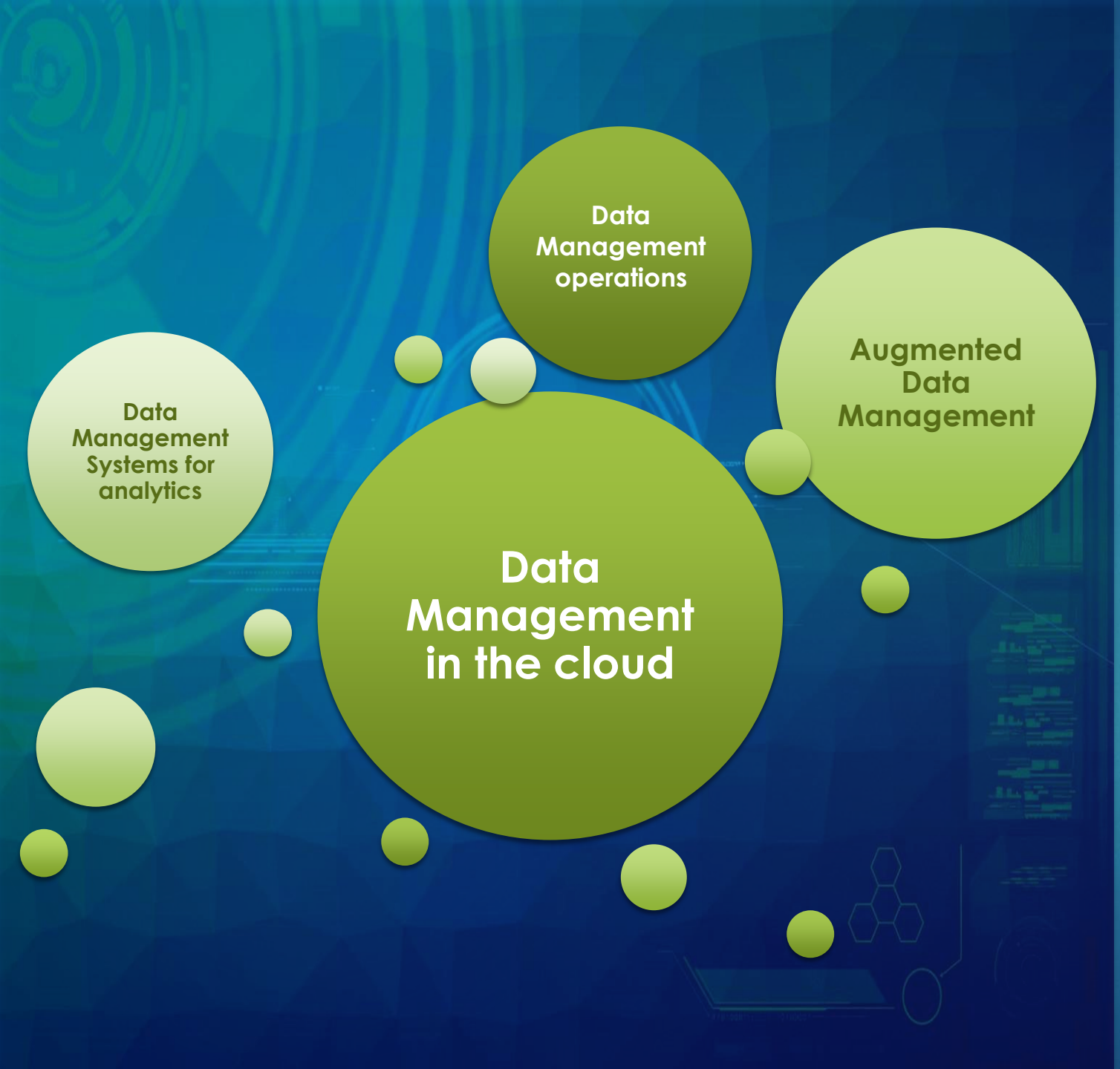
Figure 6: Four faces: future role

Catalyst

73% of participants want to continue to dedicate the same amount of time or more time to their role as a catalyst.

Strategist

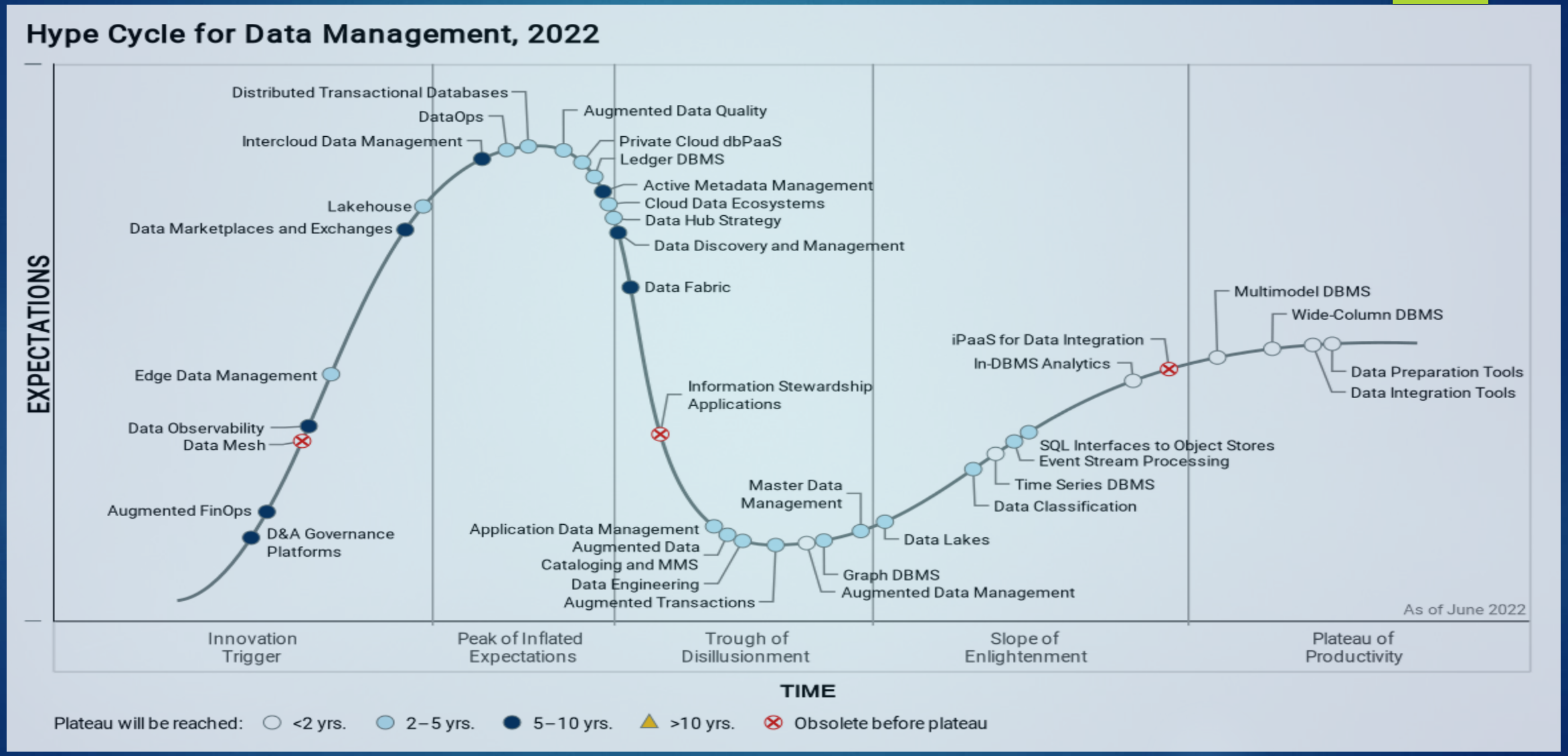
60% of participants indicated they want to increase their time focused on setting direction and strategy, on average increasing the amount of time they dedicate to this by nearly double.



Hyper Cycle for Data Management

Gartner®

Gartner Data Management technical trends



Gartner Priority Matrix for DM

Benefit	Years to Mainstream Adoption		
	Less Than 2 Years	2 - 5 Years	5 - 10 Years
Transformational		Event Stream Processing	Active Metadata Management Augmented FinOps Data Fabric
High	Augmented Data Management Data Integration Tools Data Preparation Tools In-DBMS Analytics	Augmented Data Cataloging and MMS Augmented Data Quality Augmented Transactions Cloud Data Ecosystems Data Classification Data Engineering Data Hub Strategy DataOps Edge Data Management Graph DBMS Master Data Management	D&A Governance Platforms Data Marketplaces and Exchanges Data Observability Intercloud Data Management
Moderate	Multimodel DBMS Time Series DBMS Wide-Column DBMS	Application Data Management Data Lakes Distributed Transactional Databases Lakehouse Ledger DBMS Private Cloud dbPaaS SQL Interfaces to Object Stores	Data Discovery and Management

EBA/ECB in the pan-European cloud

European Banking Authority launched "EuReCa" EU's central database for AML and CFT

European Central Bank joined Gaia-X to help build European data ecosystem

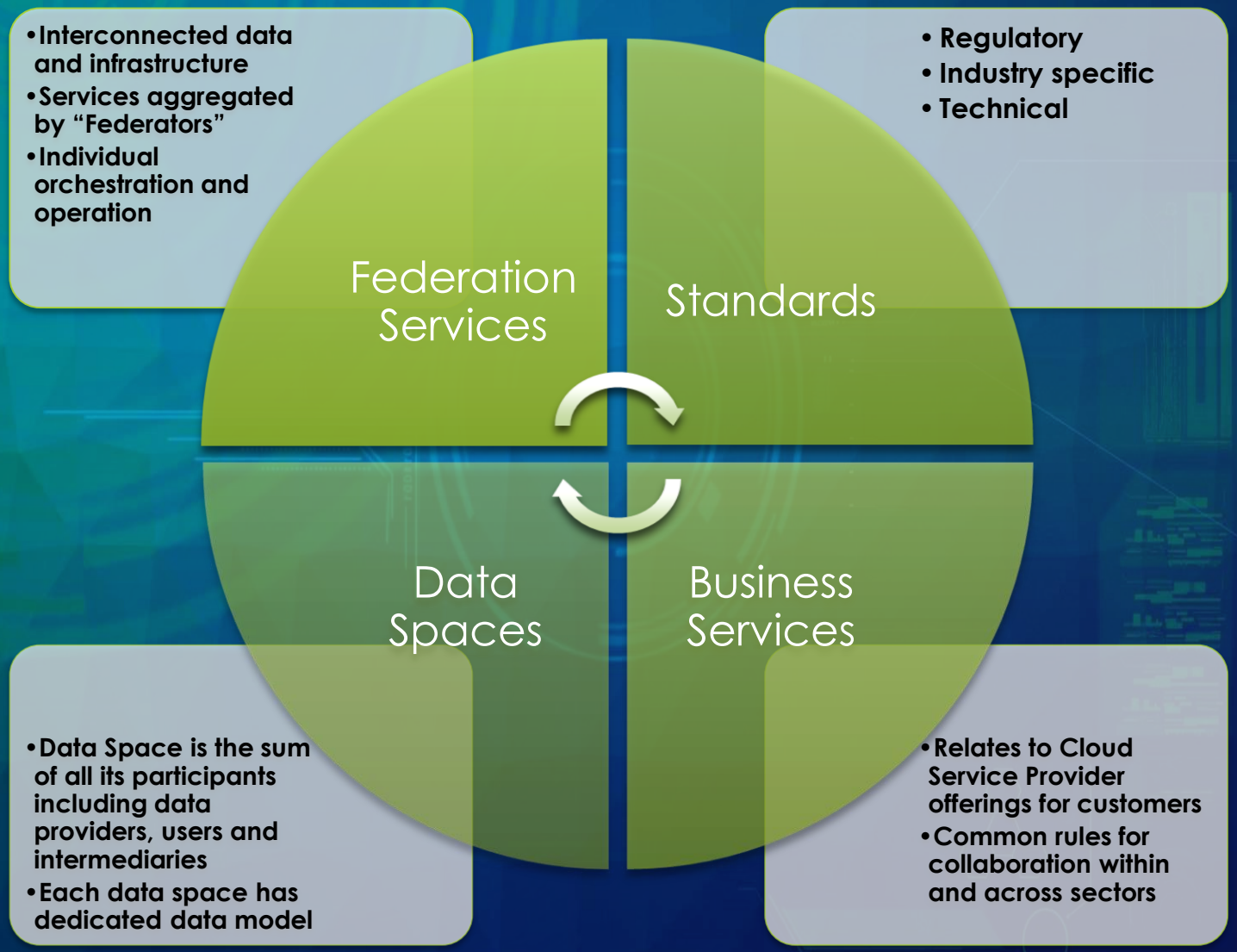
Gaia-X Association aims to boost European digital sovereignty

European digital sovereignty is defined by EC as ability of European users to retain control of their own data.

EBA European Banking Authority

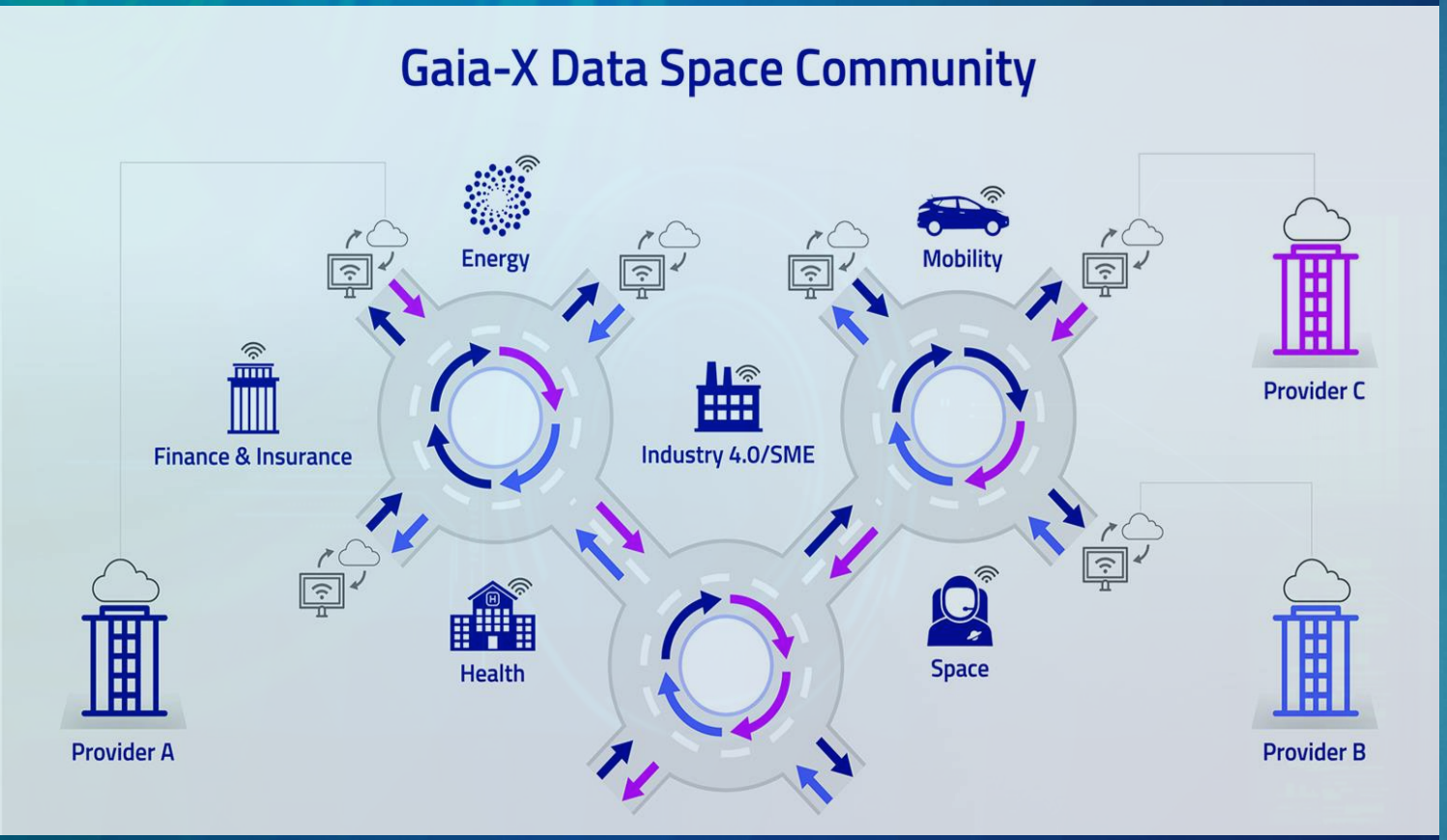
EUROPEAN CENTRAL BANK

Gaia-X Core Elements



Gaia-X
FEDERATION SERVICES
GXFS

Gaia-X Data Spaces



Gaia-X
FEDERATION SERVICES
GXFS

ESG Risks will be assessed by reference to their impact on bank's counterparties and how they support customers in adaptation to climate change or transition to more sustainable economy.

Environment

Society

Governance

1st ESG Risks Reporting to EBA

EBA European Banking Authority

See you next year!

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