



DATA COLLABORATIVES

THE EMERGENCE OF PUBLIC-PRIVATE PARTNERSHIPS
AROUND DATA FOR SOCIAL GOOD

STEFAN G. VERHULST



ALL IS NOT WELL



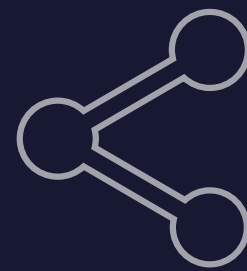


DATAFICATION

(PERSONAL) DATA RESULTING FROM...



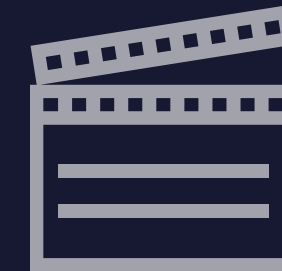
Commercial activity
and financial transactions



Communicating and engaging
in social interactions - for
pleasure, study and/or work



Moving around



Media and entertainment
consumption



Personal health and wellbeing
(including quantified self
applications)



Obtaining an (ongoing)
education and job experience



Home assistance and other in-
home, IoT, sensor devices



PRIVATE DATA FOR PUBLIC GOOD

PRIVATE DATA FOR PUBLIC INNOVATION

=

NEW PUBLIC PRIVATE PARTNERSHIPS FOR A DATA AGE

=

DATA COLLABORATIVES



DATA COLLABORATIVES

CREATING PUBLIC VALUE BY EXCHANGING DATA

WHAT ARE DATA COLLABORATIVES

Data Collaboratives are a new form of collaboration, beyond the public-private partnership model, in which participants from different sectors—in particular companies- exchange their data to create public value.

MacBook



INCREASED INTEREST

Data
Partnership.org

International Consortium for Data Collaboratives

Public-Private Data Partnerships for
International Development

The International Monetary Fund, the Inter-American Development Bank, and the World Bank are forming an International Consortium for Data Collaboratives. The Consortium fosters efficient and responsible data partnerships for public good.



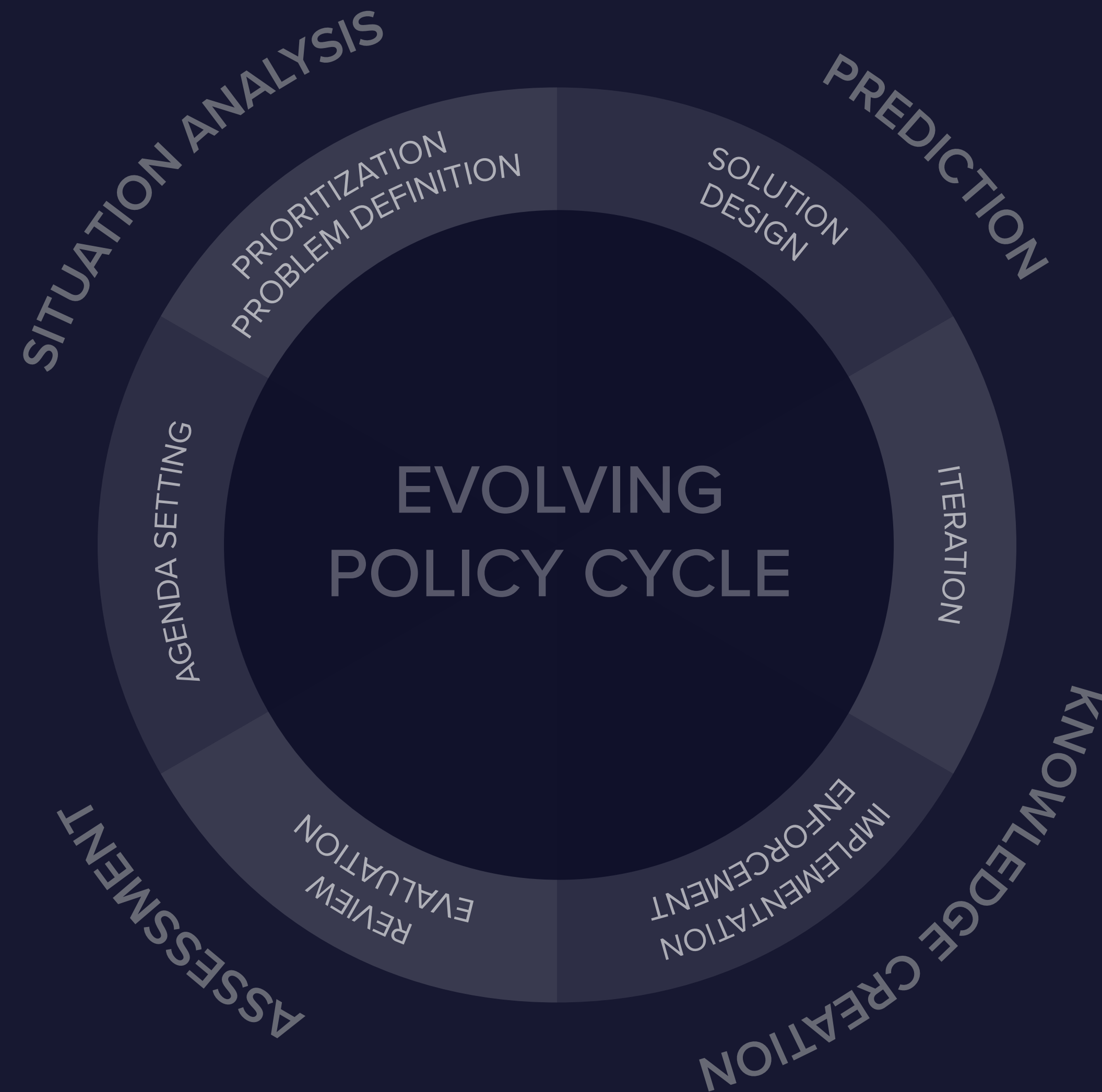
**BUSINESS TO
GOVERNMENT
DATA SHARING**



EXPERT GROUP



THE POTENTIAL (AND LIMITATIONS) OF DATA COLLABORATIVES





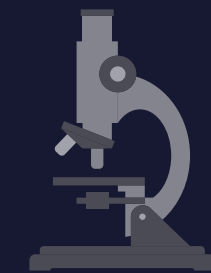
DIFFERENT OPERATIONAL MODELS



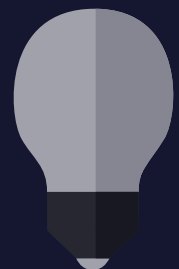
DATA COOPERATIVES
OR POOLING



PRIZES
& CHALLENGES



RESEARCH
PARTNERSHIPS



INTELLIGENCE
PRODUCTS



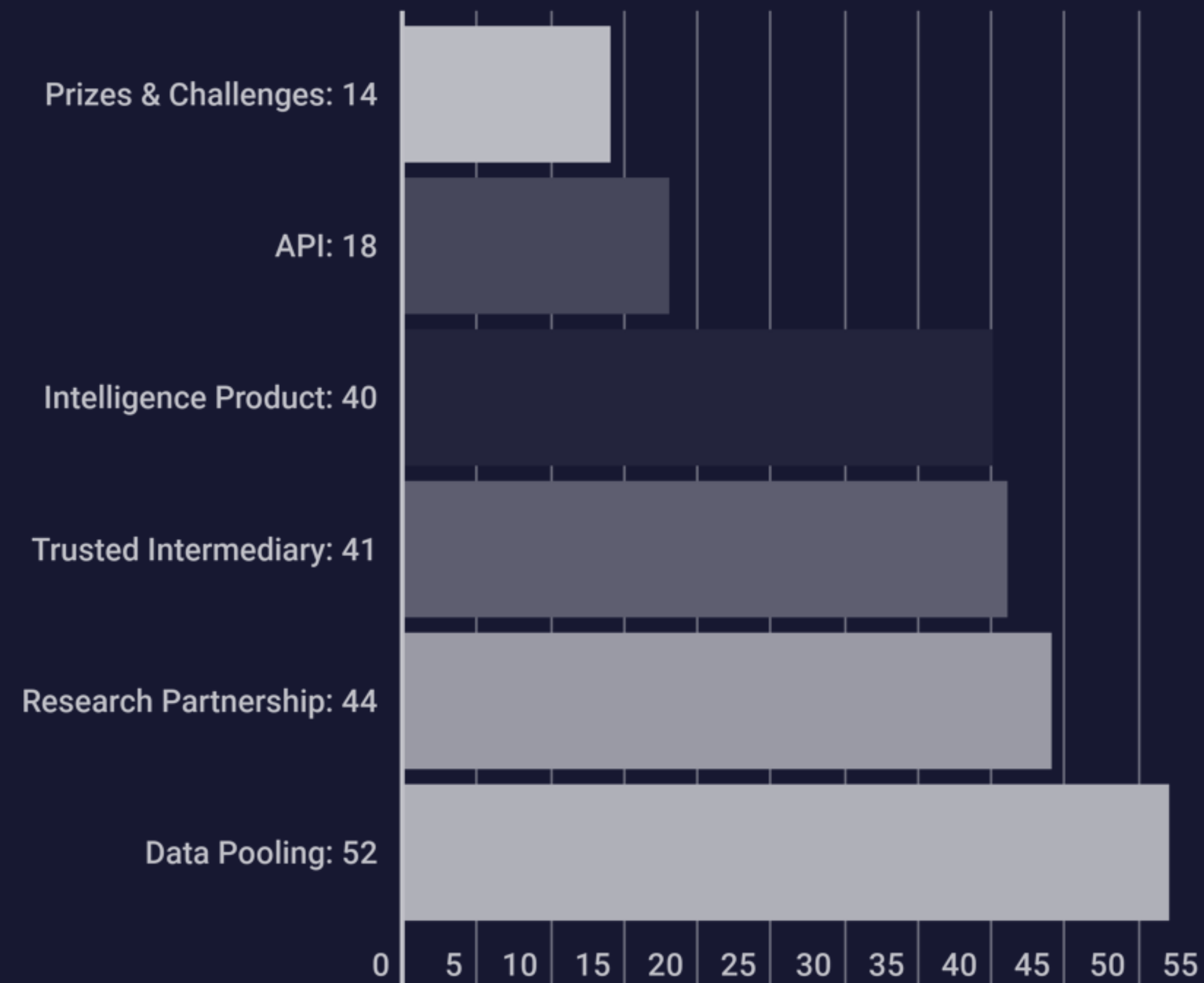
APPLICATION PROGRAMMING
INTERFACES (APIS)



TRUSTED
INTERMEDIARY



DIFFERENT OPERATIONAL MODELS





ACROSS SECTORS



12

Agriculture



45

Economic Development



25

Transportation



4

Criminal Justice



28

Environment



11

Telecommunication



18

Crisis Response



54

Health



15

Education



11

Digital Society



29

Infrastructure



DIFFERENT INCENTIVES AND MOTIVATIONS



RECIPROCITY



REVENUE



RESEARCH & INSIGHTS



REGULATORY COMPLIANCE



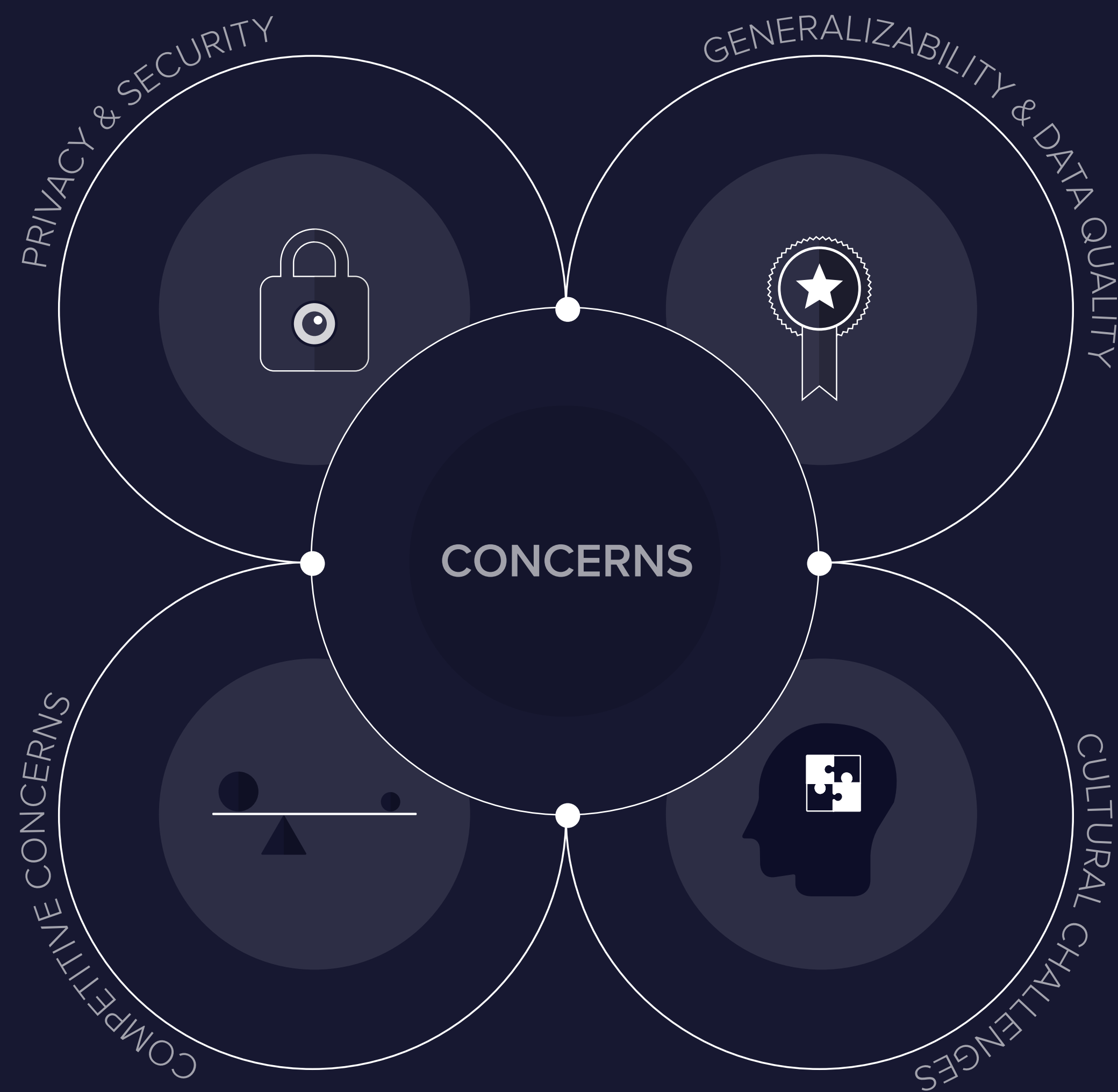
REPUTATION & RETAINMENT OF TALENT



RESPONSIBILITY

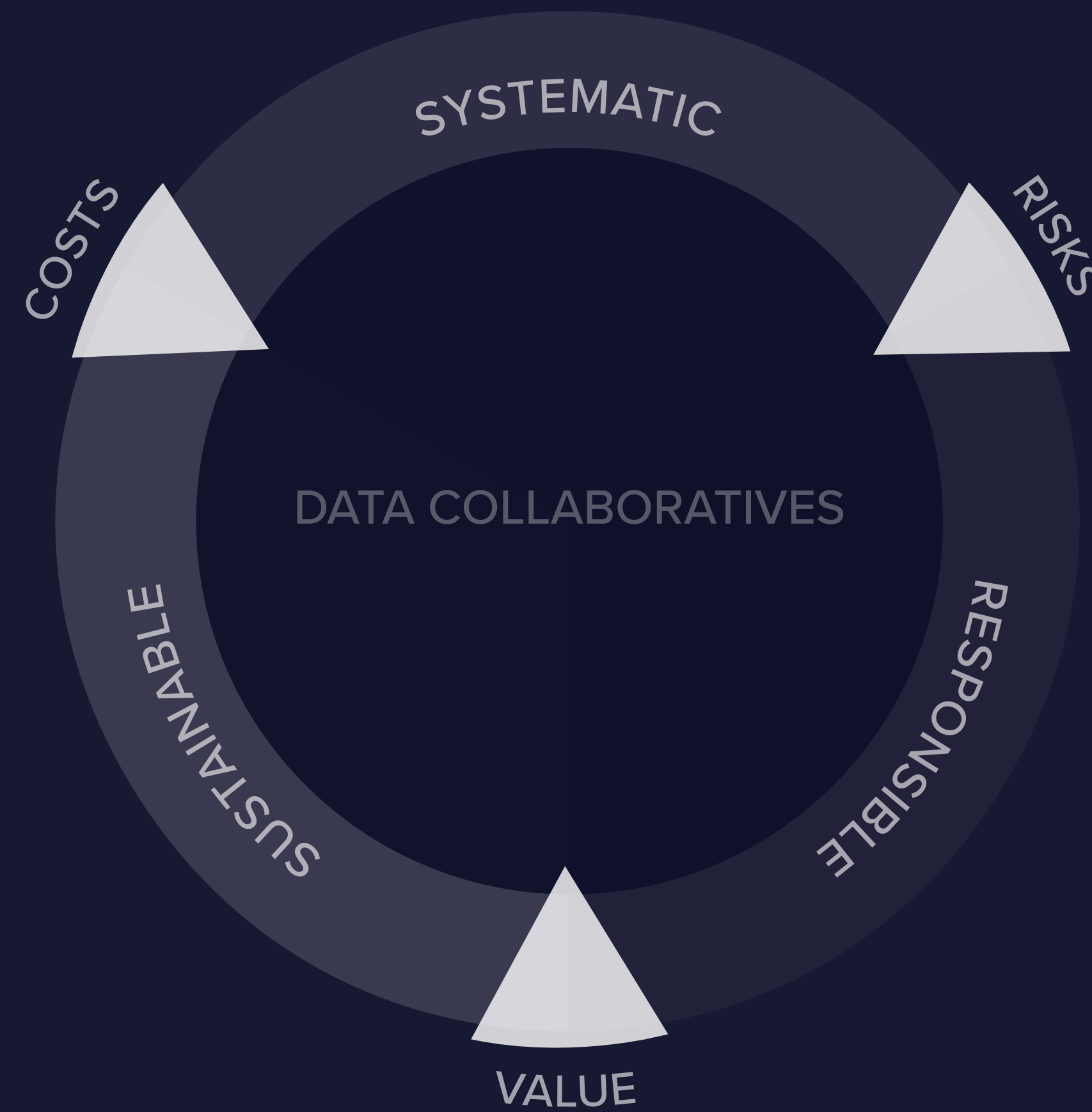


VARIOUS CONCERNS





CHALLENGES AND GOALS MOVING FORWARD





SYSTEMATIC



DATA STEWARDS

Partnership and Community Engagement

Internal Coordination and Staff Engagement

Data Audit and Assessment of Value and Risk

Dissemination and Communication of Findings

Nurture Data Collaboratives to Sustainability



SUSTAINABLE

TRANSACTION & OPPORTUNITY COSTS



PUBLIC GOOD AND VALUE

NEWLAB

The
Circular
City

IBM

MacBook



RESPONSIBLE

COLLECTION

PROCESSING

SHARING

ANALYZING

USING



RESPONSIBLE

CONTRACTS FOR DATA COLLABORATION (C4DC)





PUBLICATION AND (PRE)DISSEMINATION REQUIREMENTS
JURISDICTION IMPLICATIONS (INCLUDING INDEMNIFICATION)
ENFORCEMENT PROCEDURES

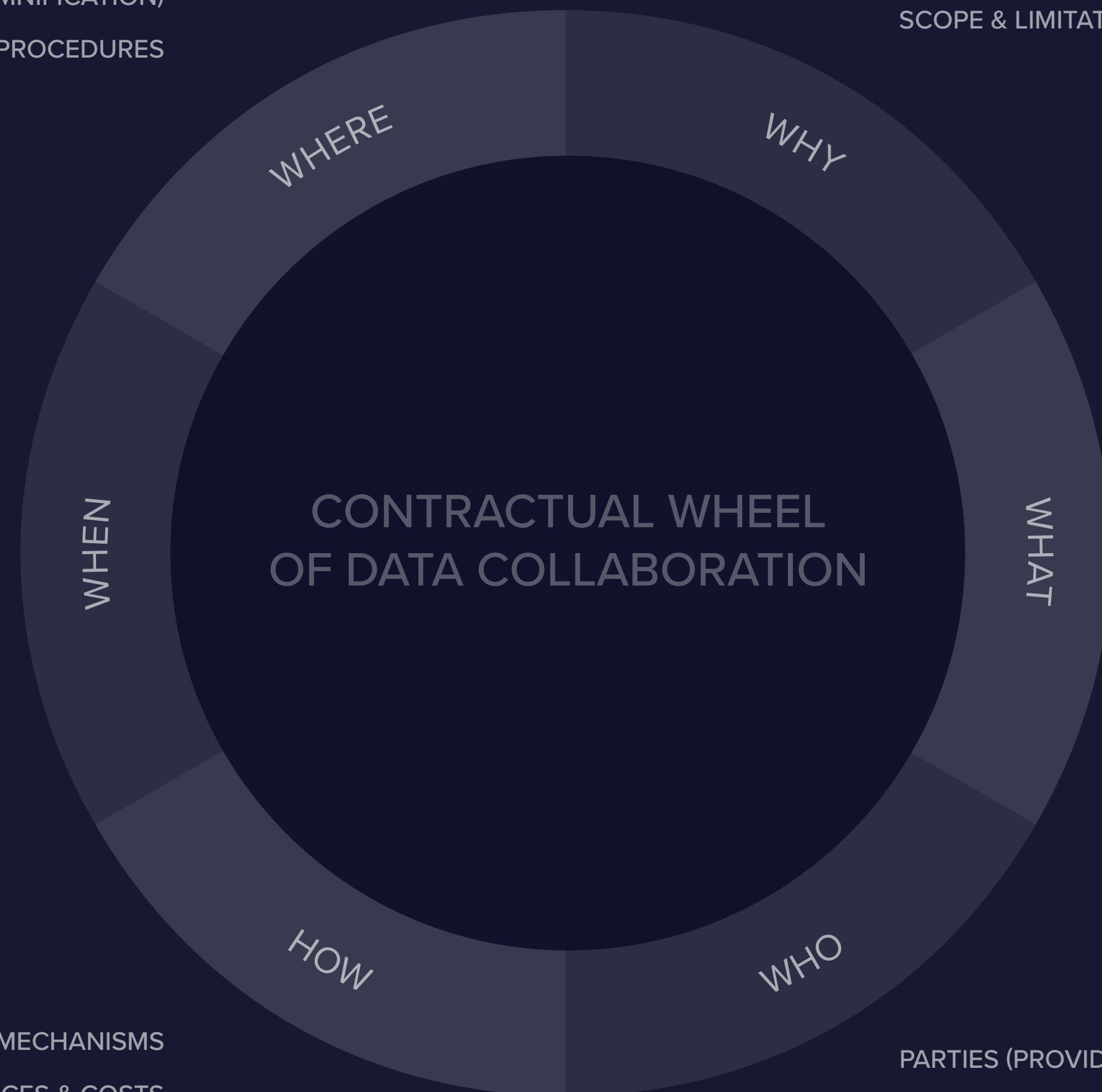
PURPOSE OF THE DATA COLLABORATIVE
SCOPE & LIMITATIONS

DURATION (PERIOD OF AGREEMENT)
FREQUENCY OF UPDATES
DATA RETENTION
TERMINATION & MODIFICATION

DATA ASSETS & (RE)SOURCES
FORMATS STANDARDS AND TECHNICAL REQUIREMENTS
PROVENANCE

OPERATIONAL MODELS & SHARING MECHANISMS
RESOURCES & COSTS
PERMISSIONS
LEGAL & PROFESSIONAL REQUIREMENTS
GOVERNANCE & AUDIT
DISPUTE RESOLUTION & RISK MITIGATION STRATEGIES

PARTIES (PROVIDERS & USERS)
CUSTODIAL DUTIES
ACCESS CRITERIA
RIGHTS & RESPONSIBILITIES





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