

The logo for 'g-cloud' is displayed in a large, bold, blue font. The letter 'g' has a yellow circle in its center, the 'c' has a green circle, and the 'd' has a red circle. A thick blue horizontal line runs underneath the letters 'c', 'l', 'o', 'u', and 'd'. The entire logo is set against a light blue, cloud-like background.

g-cloud

Business Intelligence, (Big) data & Analytics

Having a closer look at the BIDA initiative

G-Cloud: How was it born?

- Context of severe budget reduction for the FPS (investments as well as HR)
- Responsibilities over certain subjects get spread over more organisations than before (customer journeys become more complex)
- Cloud-like offerings becoming more 'the new normal'
- Business asking for more, faster and better

Business Applications

Core business

Horizontal software (Solutions)

Website | HR | Finance | ...

Share

Application Platform

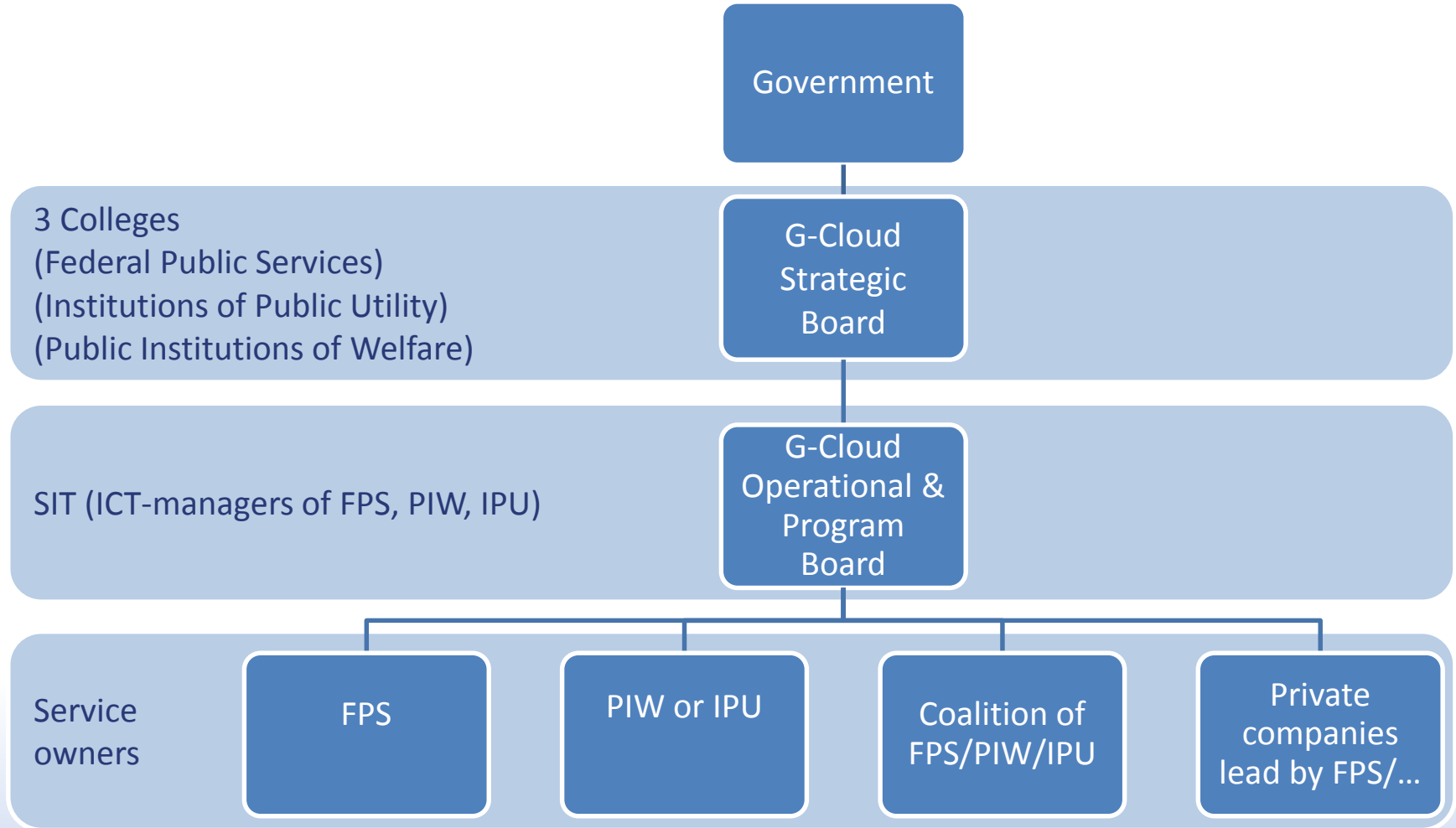
Soft infrastructure

Virtualisation | Security | Mail | VoIP | ...

Hard infrastructure

Compute | Network | Storage

- **Selfservice:** industrialised and automatised service offering
- **Availability:** ready to use offerings
- **Scalable and elastic:** capacity can easily increase/decrease for the customer
- **Shared:** looking for economies of scale
- **Pay for use model:** (but with cost sharing for the whole platform)
- **Easy accessible:** underlying complexity is hidden for the user
- **Incremental, exploratif, iteratif approach**



The 'BIDA' initiative

Business Intelligence, (Big) data & Analytics



Observations

- Government institutions actively seek **cost-effective synergies**
- Some members are changing into **analytics-driven organisations**
- **Shortage in** « available and flexible » **expertise** in each individual entity
- Data is everywhere, but not (yet) **information**

IF YOU WANT
SOMETHING YOU'VE
NEVER HAD,
THEN YOU'VE
GOT TO DO
SOMETHING YOU'VE
NEVER DONE.

Big Data analytics platform

- (Smals-RSZ)
- Procedure with competitive dialogue

Shared BI & A initiative

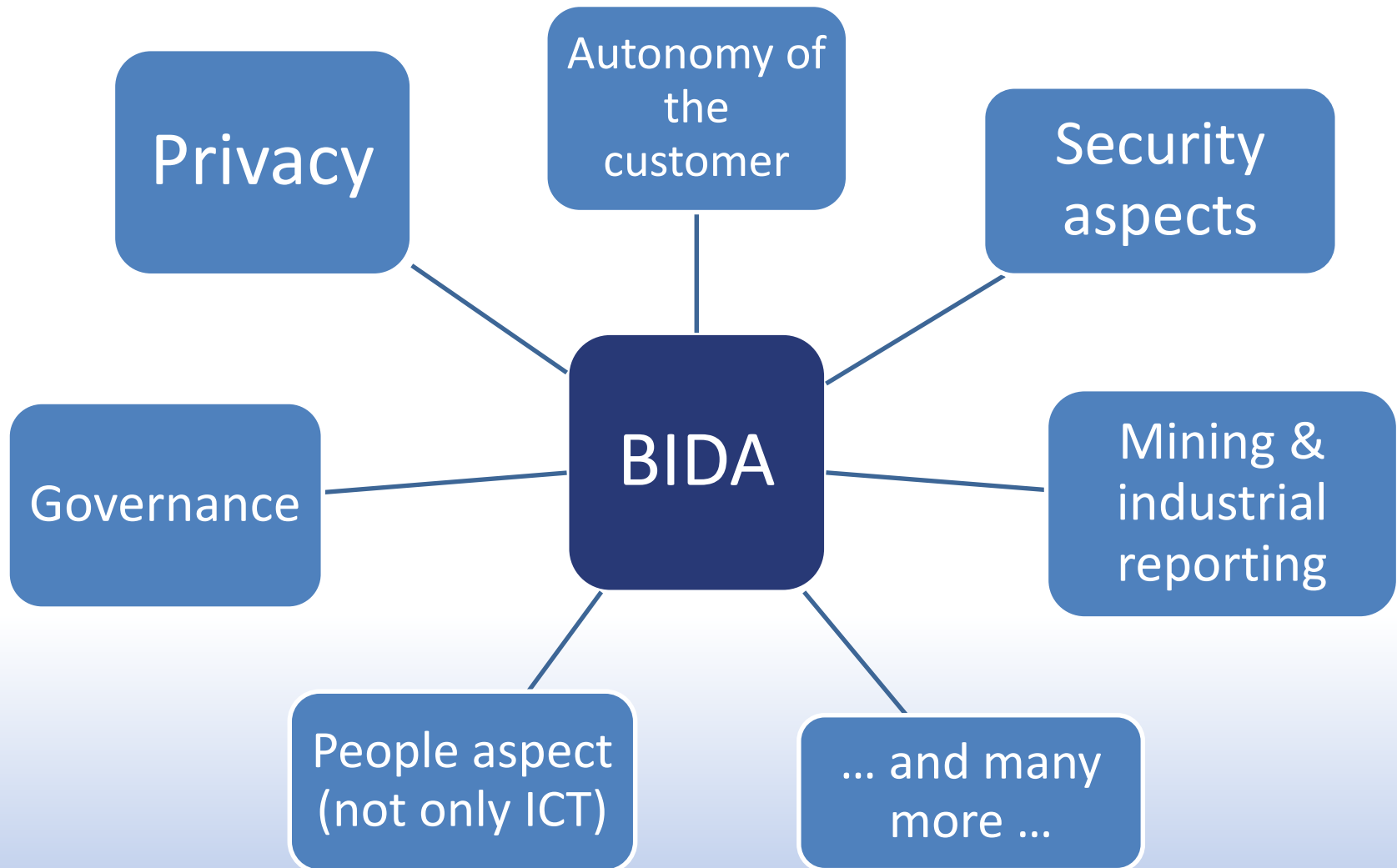
- Vision on long term
- Virtual BICC on the radar

SAS new contract

- Smals, Riziv, Economy & Public Health
- Concept of a shared platform in the contract

Principles of the contract with SAS


- Shared **development** environment (12 cores)
- Every partner gets 3 years to take the step
- An **innovation lab** with the latest SAS products
- Degressive price model
- Shared **production** platform (based on existing inventory of purchased products)
- Licences can be mutualised (cross-organisations)



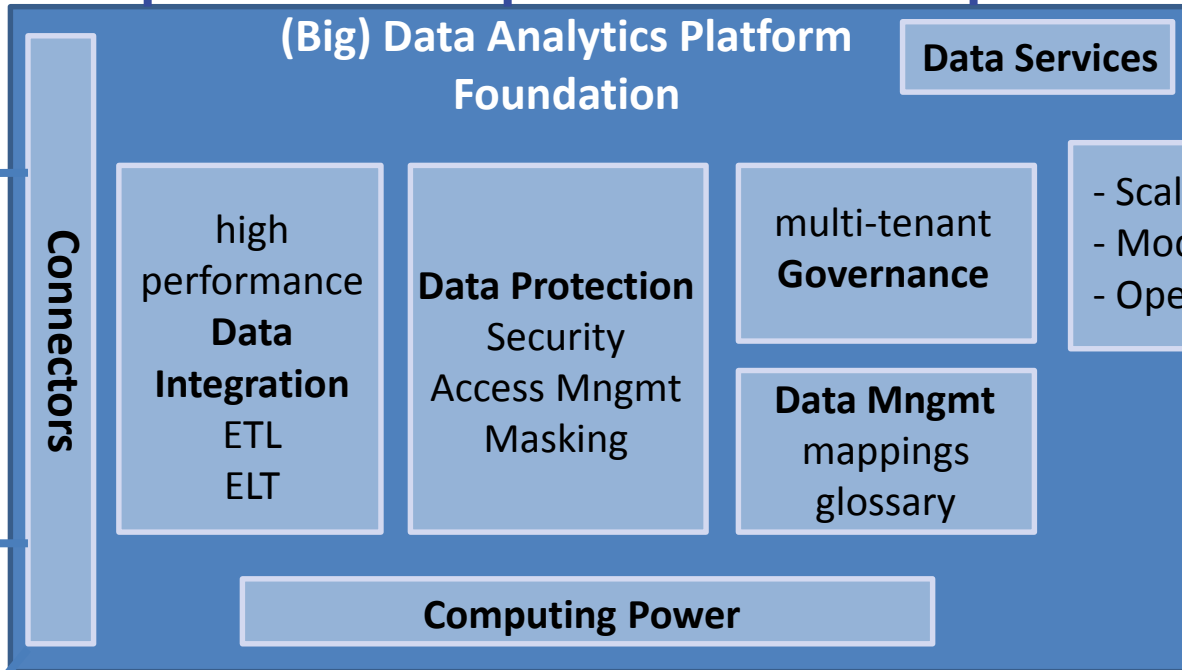
existing
BI
Datamining
Analytics
 Front-end

new
B e.g.
D , common
A SAS-platform
F

new
B
D
A
F
 incl. Visual/Network Analytics

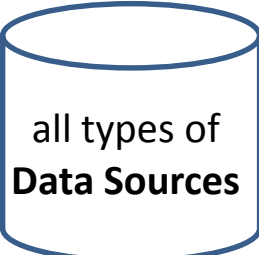


Scope
 Big Data
 Analytics Platform



enterprise-ready
Big Data
 Hadoop
 ...

all types of
Data Sources



G-Cloud
PAAS
 (RDBMS)

G-Cloud
IAAS

Institution
 owned
Infrastructure

Hardware Accelerators

BDAP-CC

 Competence Center

Expected benefits

- Availability of common reference sets (geo-data, ICD, ...)
- Upgrade once (no longer locally)
- Optimisation of the use of SAS-licences
- Knowledge & resource sharing
- Higher performance
- Wider product range available in shared development
- Step up environment towards Big Data

In the next weeks ...

- Finalize Shared Development Environment
- Start with set up of Production Environment
- Onboard customers:
 - FPS public health, safety of foodchain & environment
 - FPS Economy
 - RIZIV/Inami
 - Smals
 - You ?

Together we build the

g-cloud