

The GDP Project

Development of a data
standard for Swedish
funders of Research and
Innovation

GDP

Gemensamma Data Projektet

Translates to:

The Common/Joint Data Project

Content

A. Results

- Version 2.0 of the GDP standard
 - A comparison with the SweCRIS database
 - The GDP information model
 - Relation to CERIF
 - GDP test data in Power BI

B. Starting points and the process forward

- Government assignment and goal
- Guiding principles and reference group with data consumers
- Timeline with milestones
- Development of solutions to share data

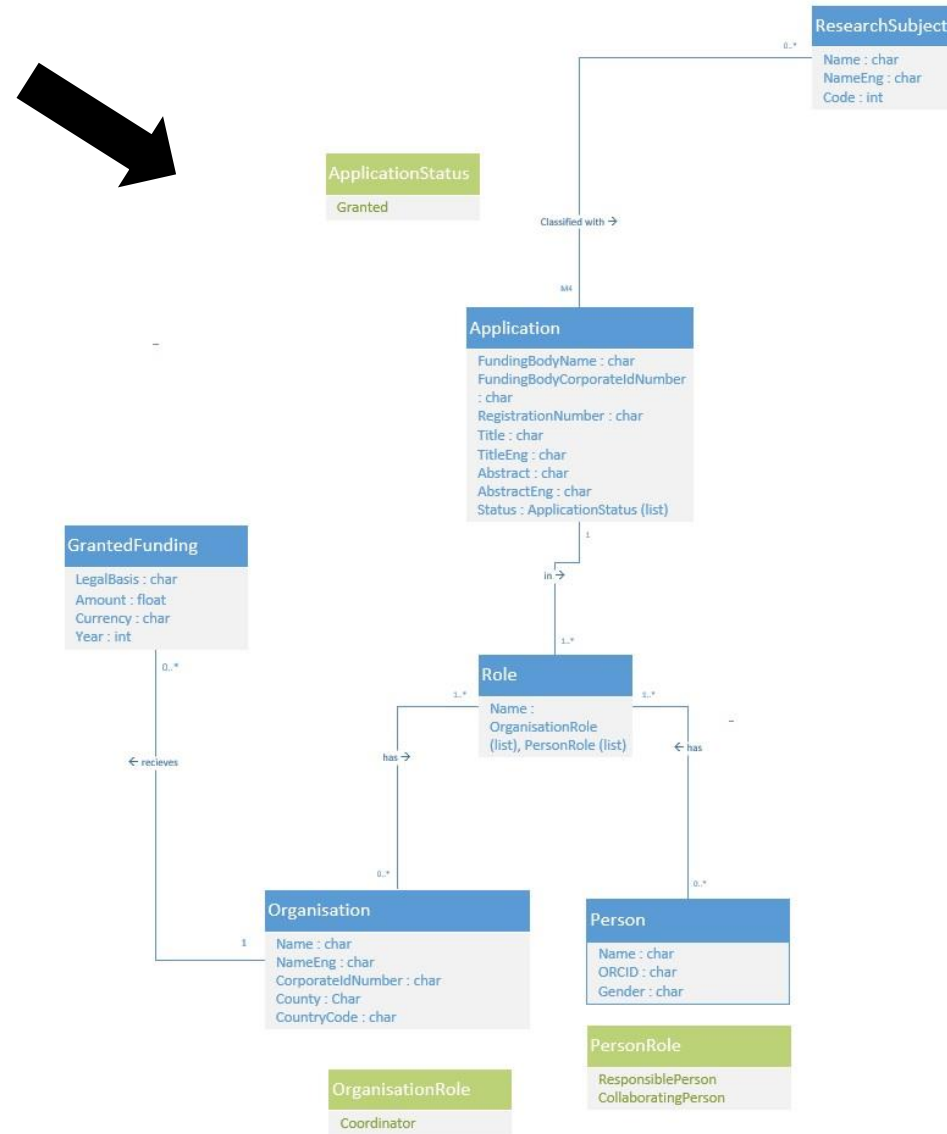
C. Examples of benefits for the data consumer

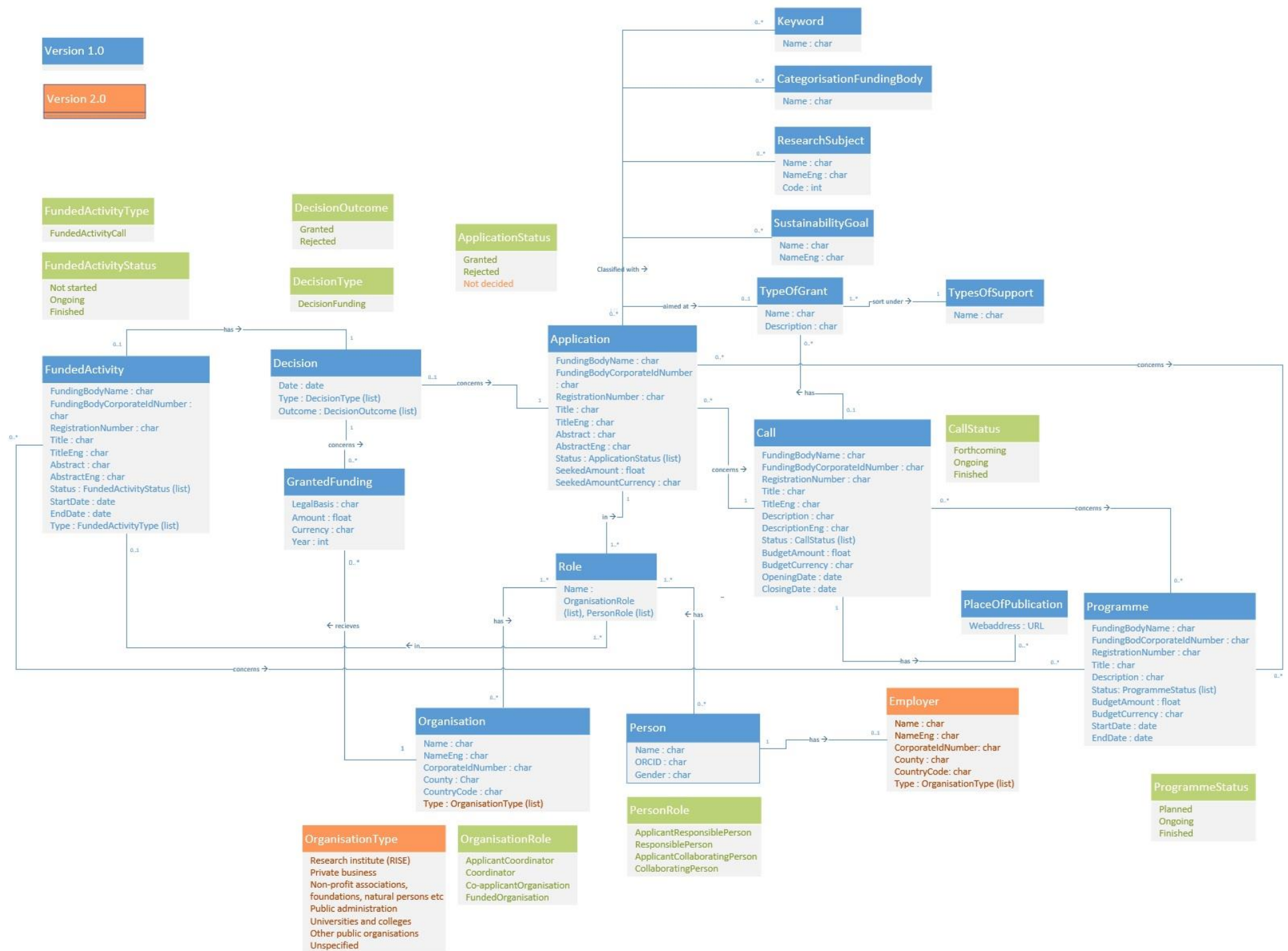
A comparison with the SweCRIS database

The generic term "Funded activity" in GDP makes it possible to share data on all funded activities granted in calls, not just what is referred to as "Projects".

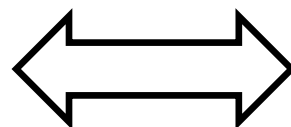
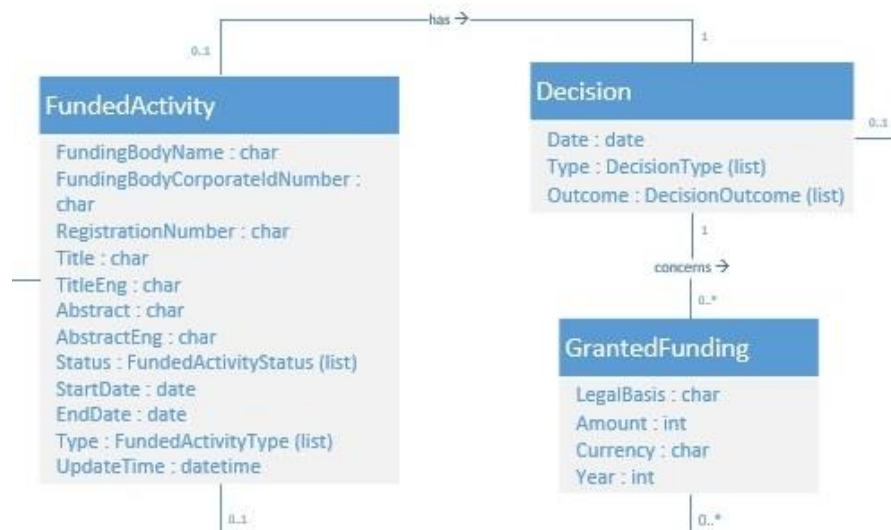
Add ons in GDP:

- ✓ Data on Programmes
- ✓ Data on Calls
- ✓ Data on rejected and not decided applications
- ✓ Data on seeked/applied amounts
- ✓ Data on when the funding was granted
- ✓ Data on all funded organisations
- ✓ Data on employers for persons
- ✓ More data on classifications





The terms in the information model have been defined



Terms	Definition
Decision	Decision relating to an application
- Date	Date when decision was made
- Type	Type of decision in Swedish
- Outcome	Outcome of decision in Swedish
FundedActivity	Funded activity with the purpose to facilitate, implement and communicate research, innovation and development
- FundingBodyName	Name of funding body administering call in Swedish
- FundingBodyCorporateIdNumber	Corporate identity number from the Swedish Companies Registration Office for funding body administering call
- RegistrationNumber	Registration number from system of the administering funding body
- Title	Title of funded activity in Swedish
- TitleEng	Title of funded activity
- Abstract	Short description of funded activity in Swedish
- AbstractEng	Short description of funded activity
- Status	Current status for funded activity in Swedish
- StartDate	Date when the funded activity starts
- EndDate	Date when the funded activity ends
- Type	Type of funded activity in Swedish
- UpdateTime	Time when data was last updated
GrantedFunding	Funding that a funding body has decided to pay to a funded activity (per funded organisation and per calendar year for planned payment)
- LegalBasis	Legal basis for amount granted in Swedish
- Amount	Amount granted
- Currency	Currency connected to amount granted
- Year	Calendar year for payment of amount granted

Section of the information model

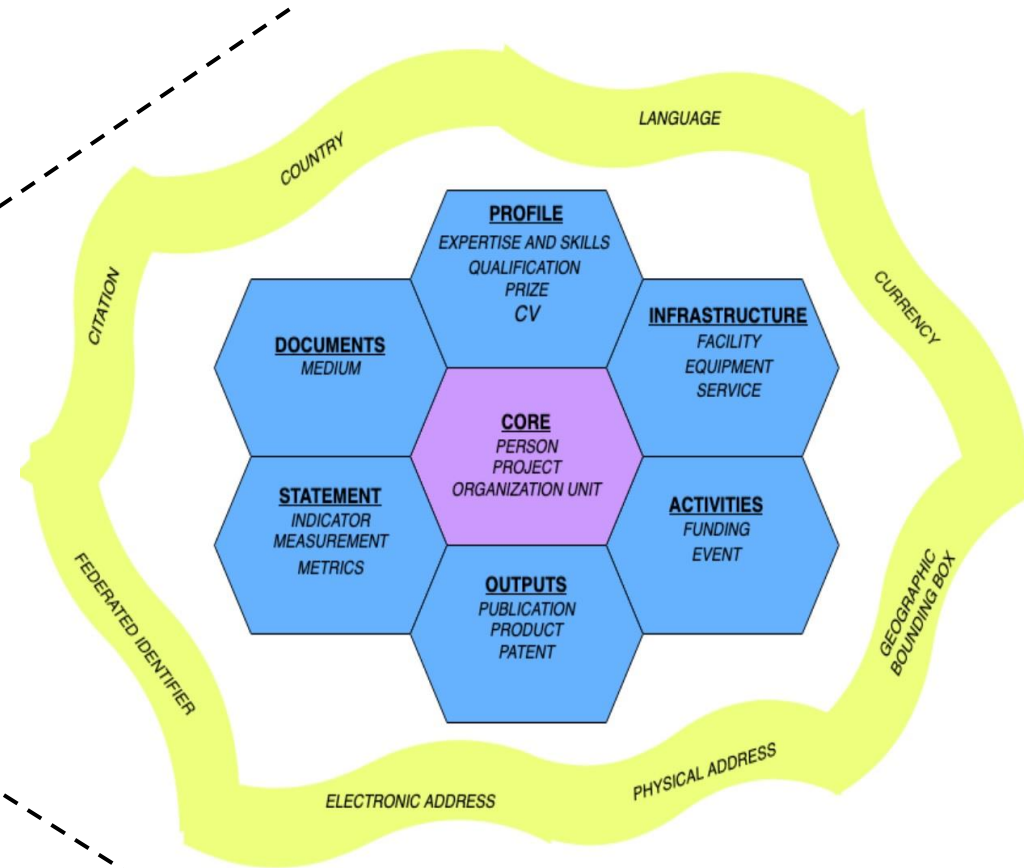
Corresponding terms with definitions

It is possible to fit CERIF within GDP

Calls

Applications

Funded Activities



(Anna shows test data with Power BI)

Government assignment to make data accessible

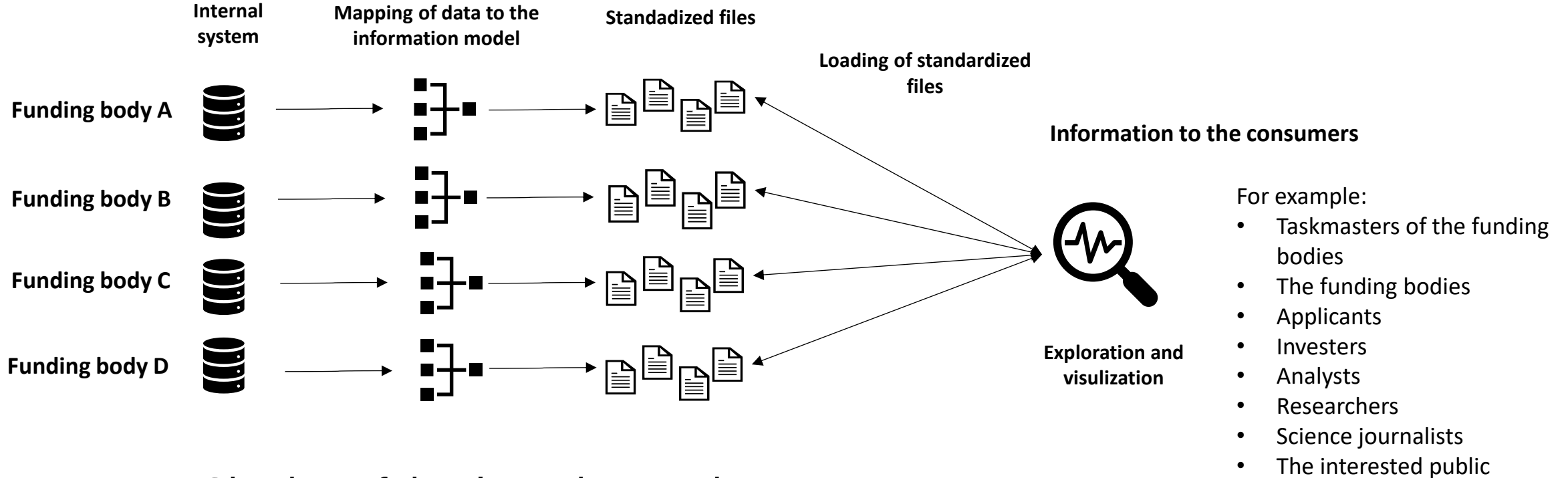
The Swedish Energy Agency, Formas, Forte, the Swedish Research Council and Vinnova shall account for how the government agencies together have contributed to the joint work to produce specifications for sharing data via electronic format. In particular, the authorities must report on measures taken with the aim of creating an up-to-date, comparable and aggregated picture of various funding bodies data on funding of research and innovation.

The goal



Data sharing

Data consumption



Sharing of timely and open data

Guiding principles for which data to include

Demanded



- ✓ We continue to build on previous initiatives in the same field
- ✓ We involve the external data consumers
- ✓ We focus on basic data and presenting an overall picture
- ✓ Overlap with and enrichment of data in Swecris database

Accessible



- ✓ We start with data that exists digitally in our systems today
- ✓ We identify which data that can be shared as open data
- ✓ The data has been legally reviewed

Comparable



- ✓ We use generic terms to make data comparable

Sufficient



- ✓ A sufficient number of the data producers (the funding bodies) have data accessible in their systems

Delimited

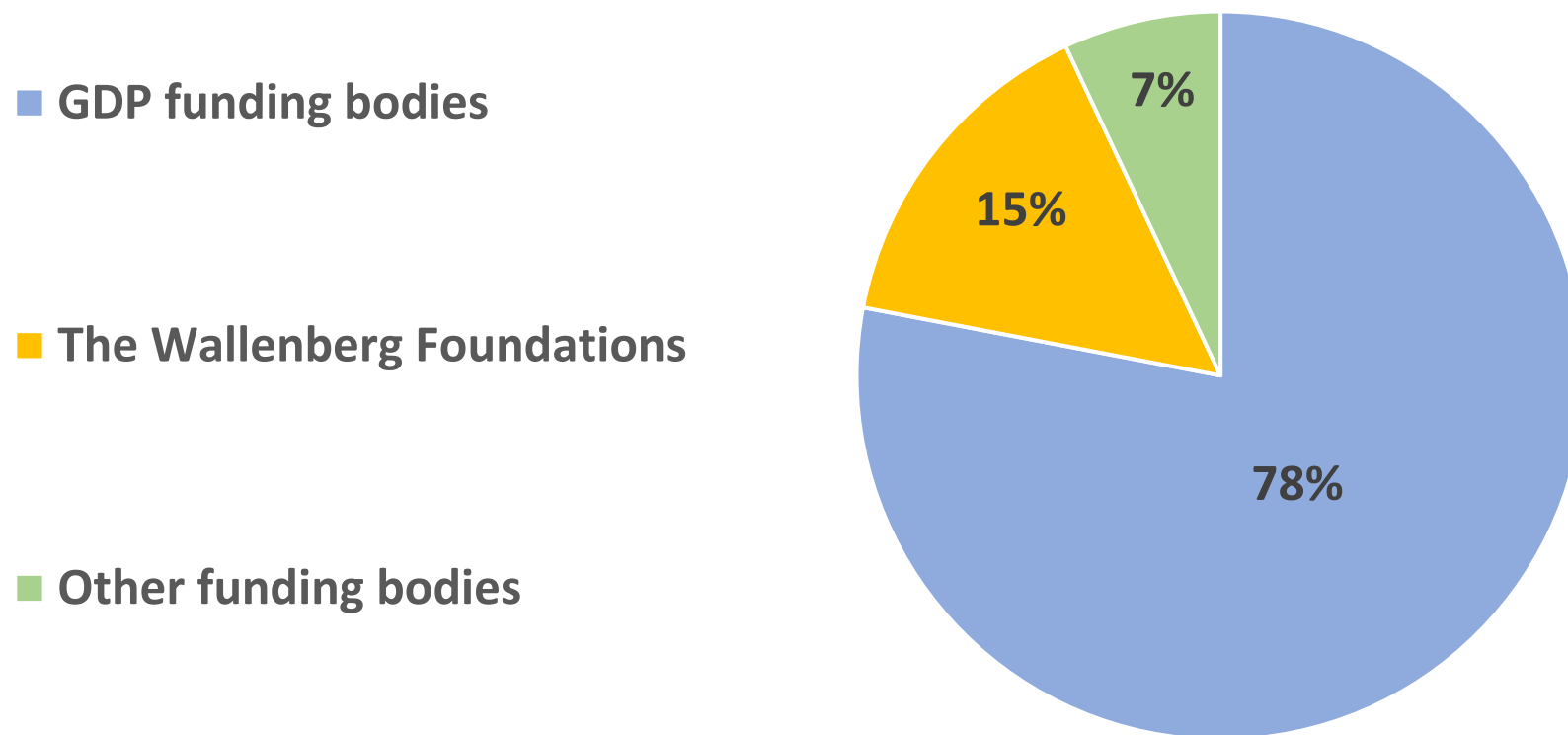


- ✓ We want to lay a foundation and prepare the way for further development
- ✓ When data is shared, we get feedback from the data consumers which will give guidance in the further development



The current coverage of the GDP standard

Granted funding in Sweden 2022-2024



Timeline with milestones

Government assignment

The reference
group is formed

Renewed government assignment

Version 1.0 is
decided

Vinnova develops
API version 1.0

Renewed government assignment

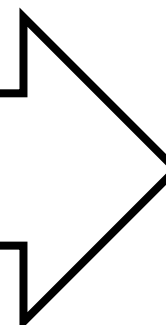
Version 2.0 is
decided

Developments of APIs
version 2.0

2023

2024

2025



Development of technical solutions to share data

- Formas, Forte, Vinnova and the Swedish Research Council are developing APIs. The APIs will be available in an API portal on Vinnovas external website.
- The Swedish Energy Agency will adopt an interim solution before development of an API. JSON files with data according to version 2.0 will be made accessible on their external web site.

The GDP steering group has adopted a goal to jointly launch the data sharing solutions in June this year.

Organisations represented in the reference group

✓ **Government Agencies**

Statistics Sweden
The Swedish Agency for Growth Policy Analysis
The Swedish Agency for Economic and Regional Growth
The Swedish Higher Education Authority
The Swedish National Road and Transport Research Institute

✓ **State-owned Research Institutes**

RISE

✓ **Universities and Colleges**

Chalmers University of Technology
KTH
Lund University
The Karolinska Institute
Uppsala University

✓ **Trade Associations**

Jernkontoret
The Federation of Swedish Innovation Companies

✓ **The Swedish Association of Local Authorities and Regions**

Region Dalarna

✓ **Private Funding Bodies**

Ragnar Söderberg Foundation

✓ **Private Companies**

Ymner

Benefits of the upcoming data sharing

We get fewer questions about our funding when our data becomes more widely available

We get better prepared to collaborate and can optimize our efforts

We do not need to answer surveys from Statistics Sweden

We can more effectively follow up our financing and make better analyses

We get information about the funding in Sweden's counties and hence a greater opportunity to conduct regional analysis.

We get better possibilities to conduct impact evaluations



Government Offices of Sweden



Swedish Association of Local Authorities and Regions



We can get data directly from the funders instead of sending out surveys

We get more complete information about our funded activities

We can better plan how we apply for funding

We can provide better support to those applying for funding and can provide better data for analysis

We get better possibilities to identify relevant projects and can contribute to better analyses.



Do you want to know more about GDP?

Please drop an email!

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- anna.ringqvist@formas.se