



Tyska Regeringskansliet

Nils Masuch

#dsam #esam #digitalisering #samverkan #kista science city



Der Beauftragte der
Bundesregierung
für Informationstechnik

Expo eSAM

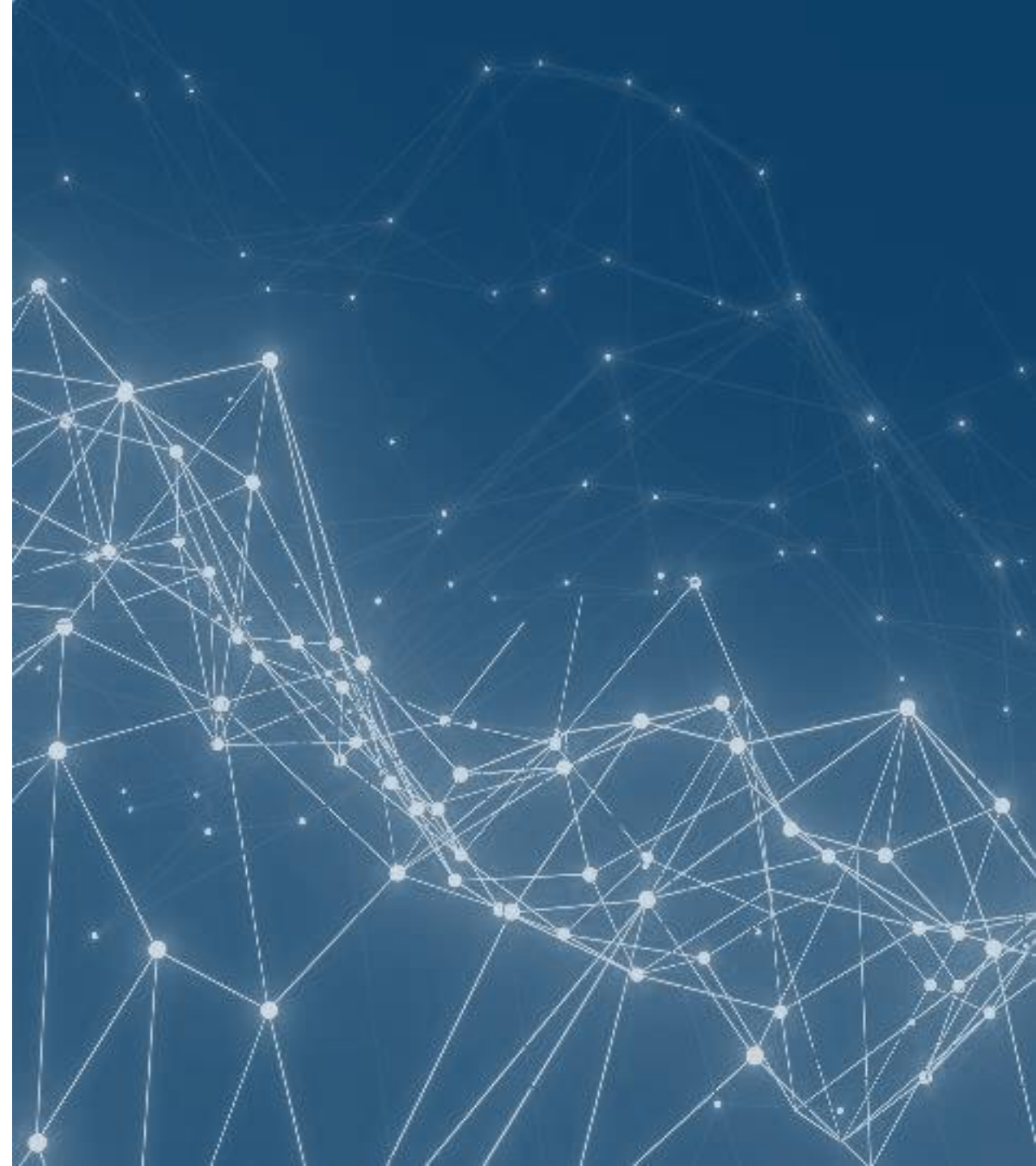
Stockholm, 24 November 2022

Digital collaboration tools of the future

*Digital Sovereignty in the
German Administration*

Nils Masuch,

Federal Ministry of the Interior and Community





Introduction to Digital Sovereignty in the German Administration

The federal, state and local governments have decided to strengthen digital sovereignty through alternative solutions

Definition Digital Sovereignty

"the **capabilities and possibilities** of individuals and institutions to be able to **exercise their role(s)** in the digital world in an **independent, self-determined and secure manner**."

WG Cloud Computing and Digital Sovereignty



Key issues paper



Strategy paper with the three goals:
I. possibility to change II. ability to shape III. influence on IT providers



Red lines ¹



German Administration Cloud
Strategy (DVS)



Alternative solutions

...



Center for Digital Sovereignty (ZenDiS)



OS Platform (Open CoDE)



Sovereign Workplace
(SouvAP)



Center for Digital Sovereignty (ZenDiS)

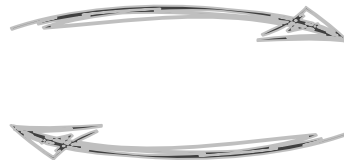
The Center for Digital Sovereignty will form the link between public administration and the OS market



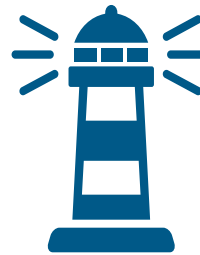
Idea: Strengthening digital sovereignty by **establishing an organization** to address the identified needs for action and strengthen the use of OS in public administration.



Identification of critical dependencies



Usable solutions



Center for Digital
Sovereignty

Consideration of requirements



Promotion/development of usable solutions



Open Source
Market

In this context, the availability of OS solutions is to be ensured by addressing five operational objectives

The Center for Digital Sovereignty pursues **five operational goals***, which are **derived from the vision and mission**



Initiation of projects for the **cooperative (further) development** and **provision of** demand-oriented OSS solutions for public administrations (in future also for business and civil society)



Compilation of solution and service concepts for the cooperative provision of OSS based on operational and legal requirements of public administrations



Improving the framework conditions within public administration for the use of OSS solutions in public administration



Increase awareness of the value of OSS in public administration (as well as civil society)



Promotion of an efficient **German** and European **OS ecosystem**



OS Platform (Open CoDE)

The platform is intended to simplify and promote the use of open source software at federal, state and local level

// Open Source Code for Public Administration

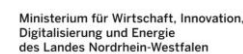
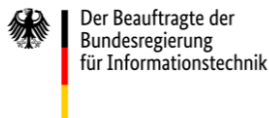


In a cross-level project (Open CoDE), a joint public administration platform is being set up for the **exchange of open source software**. The central storage of open source code (**GitLab**) is intended to promote reuse and joint work on software solutions in public administration.

The project is part of the implementation of the German Administrative Cloud Strategy (**DVS¹**).

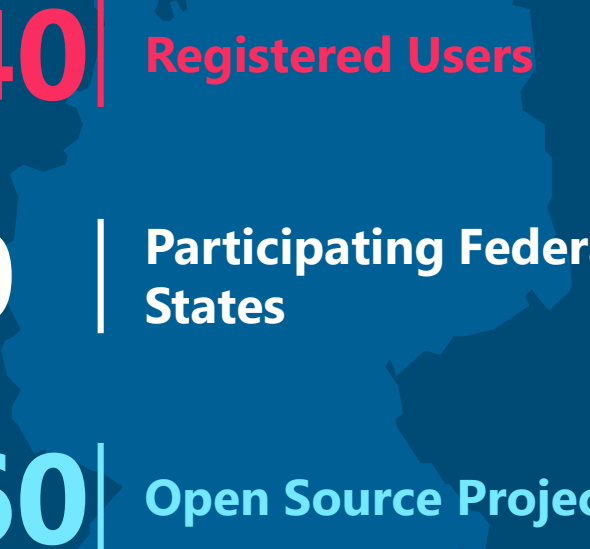
- ✓ **Transparency** on administration-related open source software
- ✓ Simple **reutilization** of software solutions from other government agencies
- ✓ **Multilevel collaboration** on software projects and embedding in the open source ecosystem
- ✓ Clear **licensing framework** and assistance for the **(legally) secure provision and utilization of source code**

Project initiators & Sounding Board:



1) Resolution of the German Administrative Cloud Strategy in the 33rd meeting in the IT Planning Council (22.10.2020).

Since go-live in June 2022, the number of projects and users of the platform has been growing steadily



> **940** | Registered Users

> **10** | Participating Federal States

> **160** | Open Source Projects

Milestones Open CoDE

October 2020

Resolution of the German Administration Cloud Strategy (DVS) in the IT Planning Council

03/2021

1

Development MVP

Development of the Minimum Viable Product of the platform as part of the implementation of the DVS.

02/2022

2

Pilot phase

Invitation to public administration bodies to participate in the pilot phase

06/2022

3

Go-Live platform

Go-Live of the platform for public administration, society and industry

2023 (tbd)

4

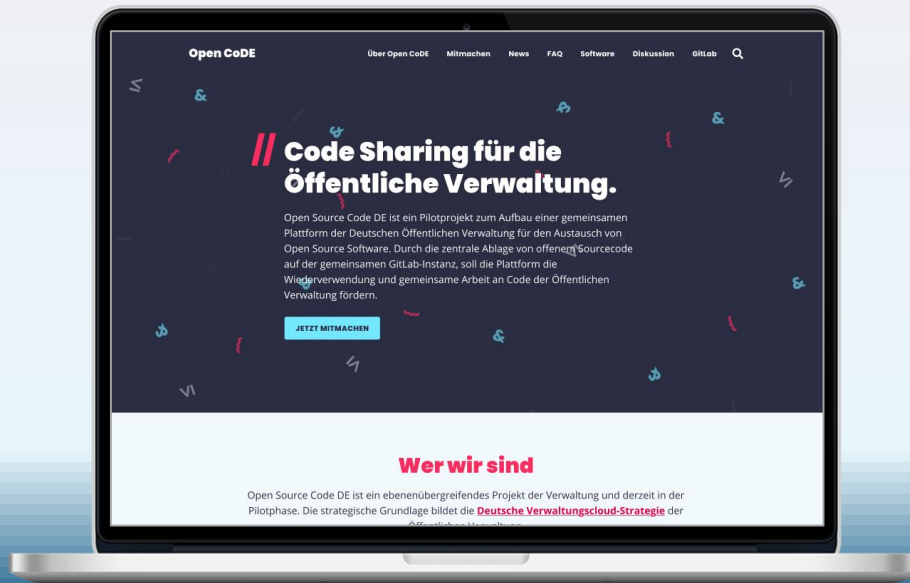
Takeover ZenDiS

Takeover of platform's management by Center for Digital Sovereignty

We cordially invite you to try out the platform and support its further development through feedback



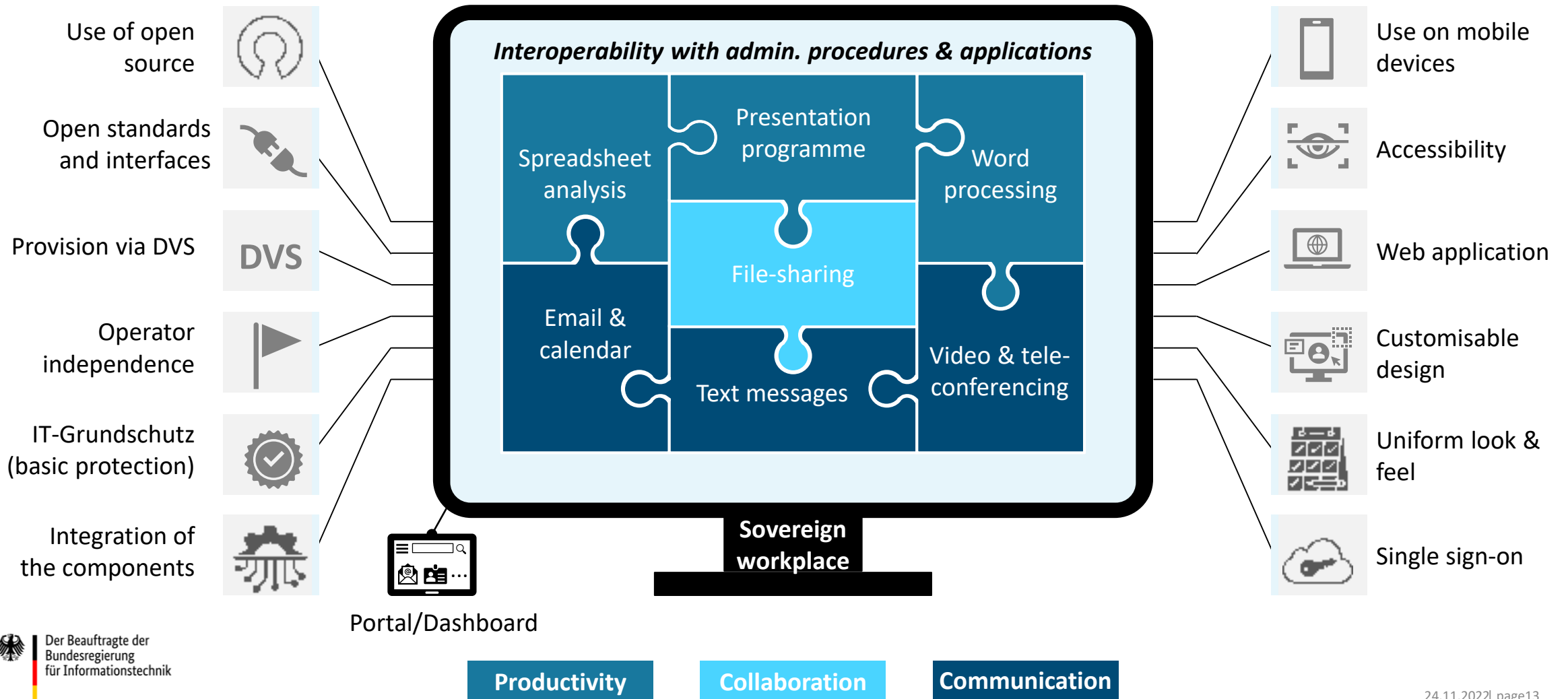
www.opencode.de





Sovereign Workplace (SouvAP)

The Sovereign Workplace will provide the public administration with the necessary basic functions by the end of 2023



A consistent focus on modularity, interchangeability and interoperability forestalls new dependencies

A Modularity

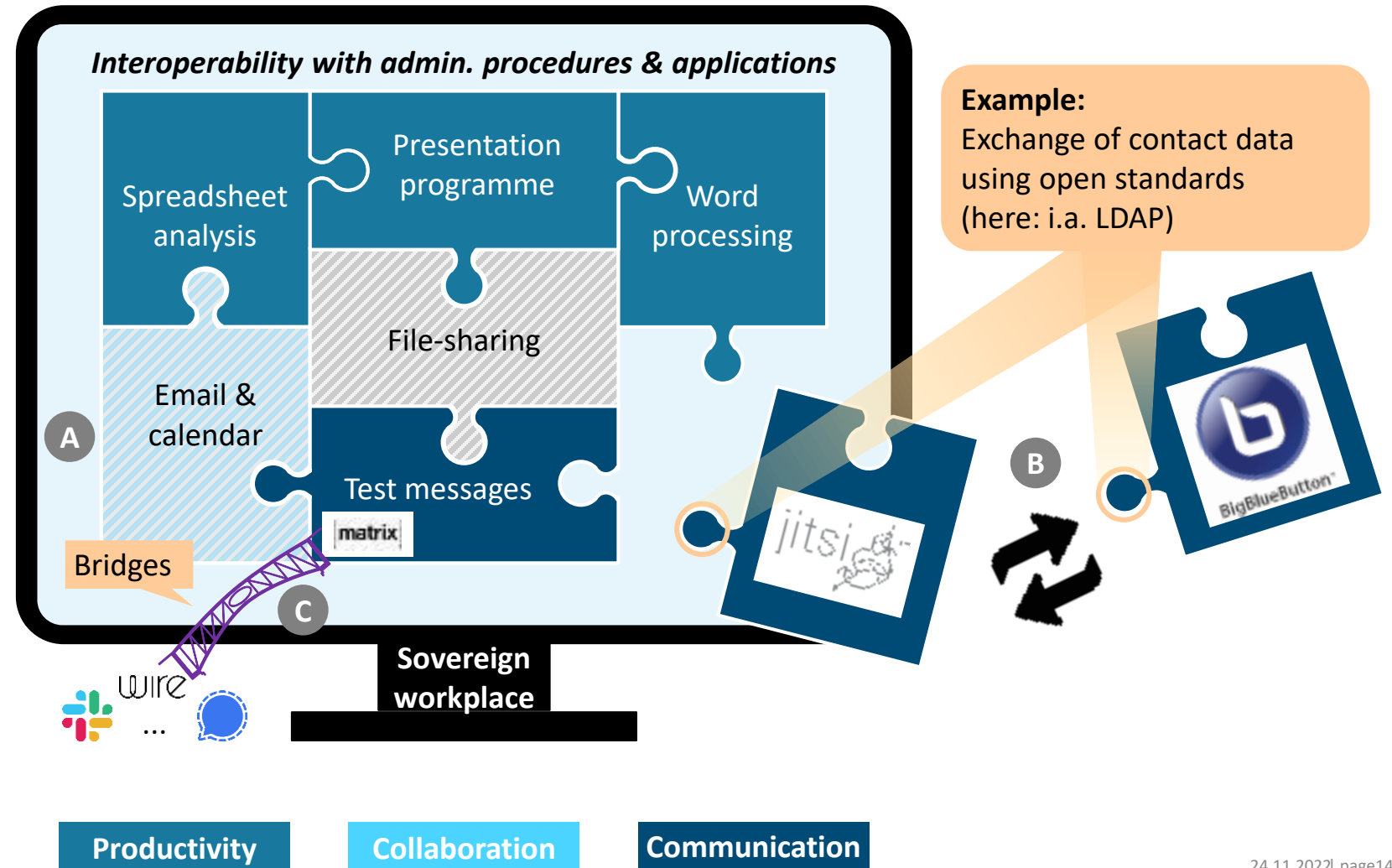
- The scope of functions can be defined specifically for each authority
- Use of existing solutions is possible (e.g. existing NextCloud instance and no "obligation" to use OpenXchange)

B Interchangeability

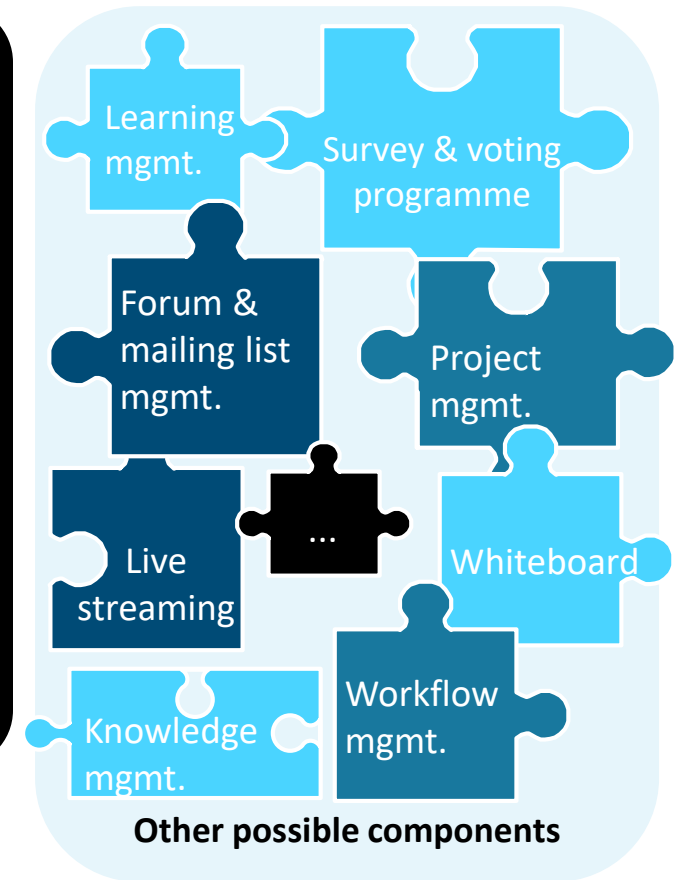
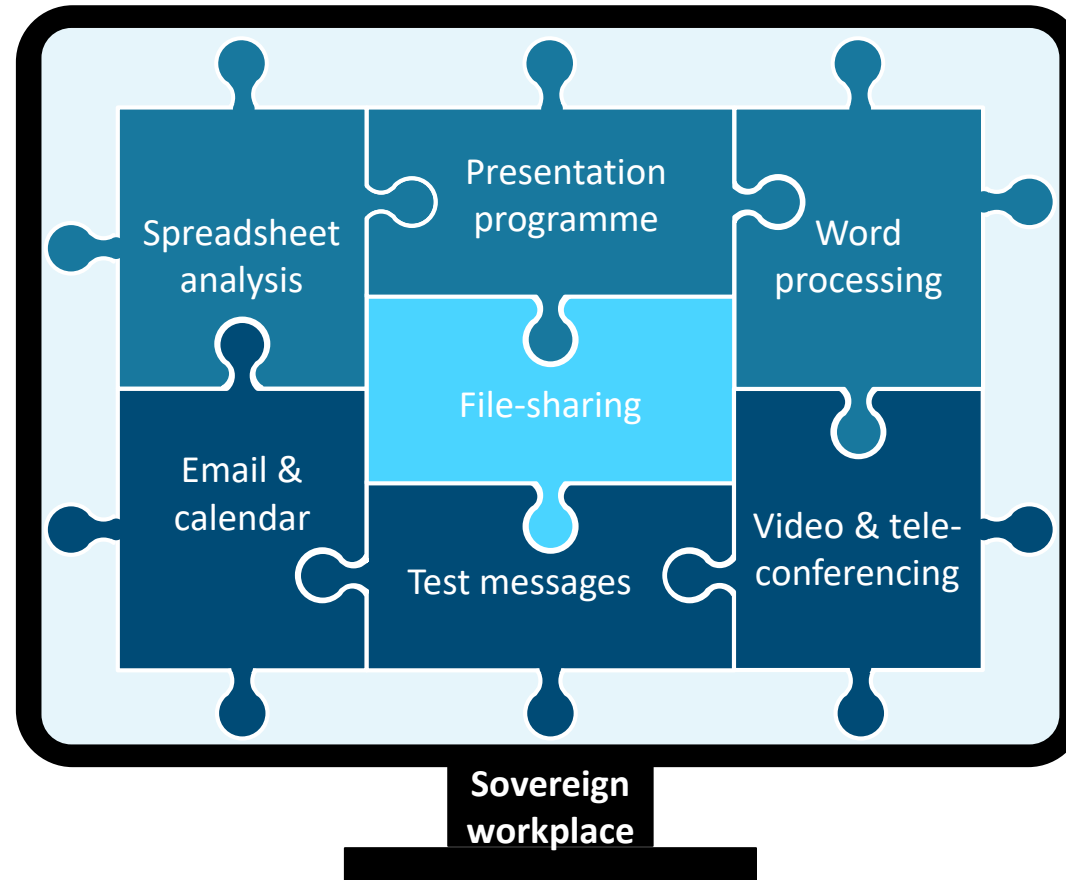
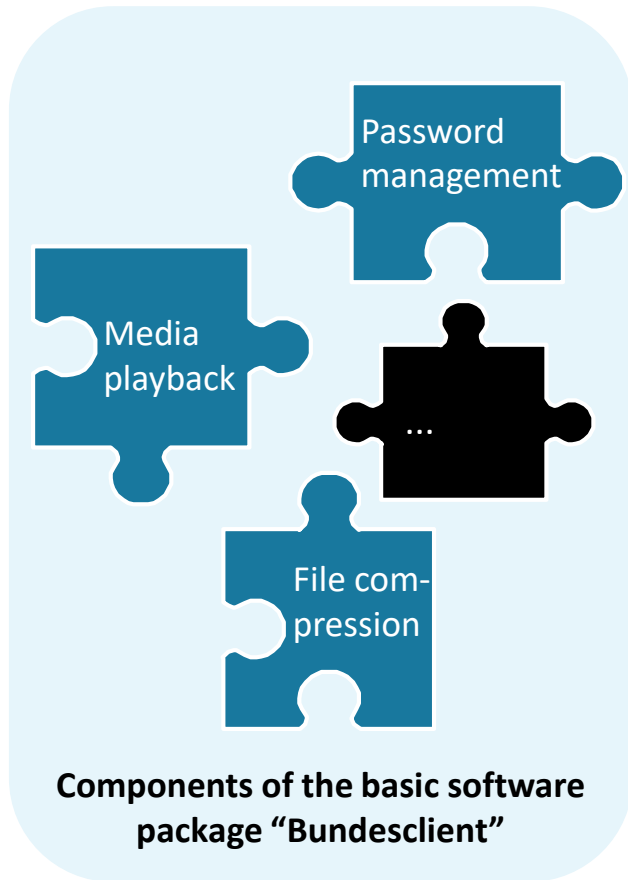
- Open interfaces and standards enable the exchange of components and avoid further lock-ins
- Integration of the components with the help of open standards

C Interoperability

- Exchange of data with other solutions possible (e.g. matrix "bridges")
- Linkage to existing administrative procedures and applications (such as e-file) through interfaces and APIs



The Sovereign Workplace is continuously being expanded to include additional functions and components

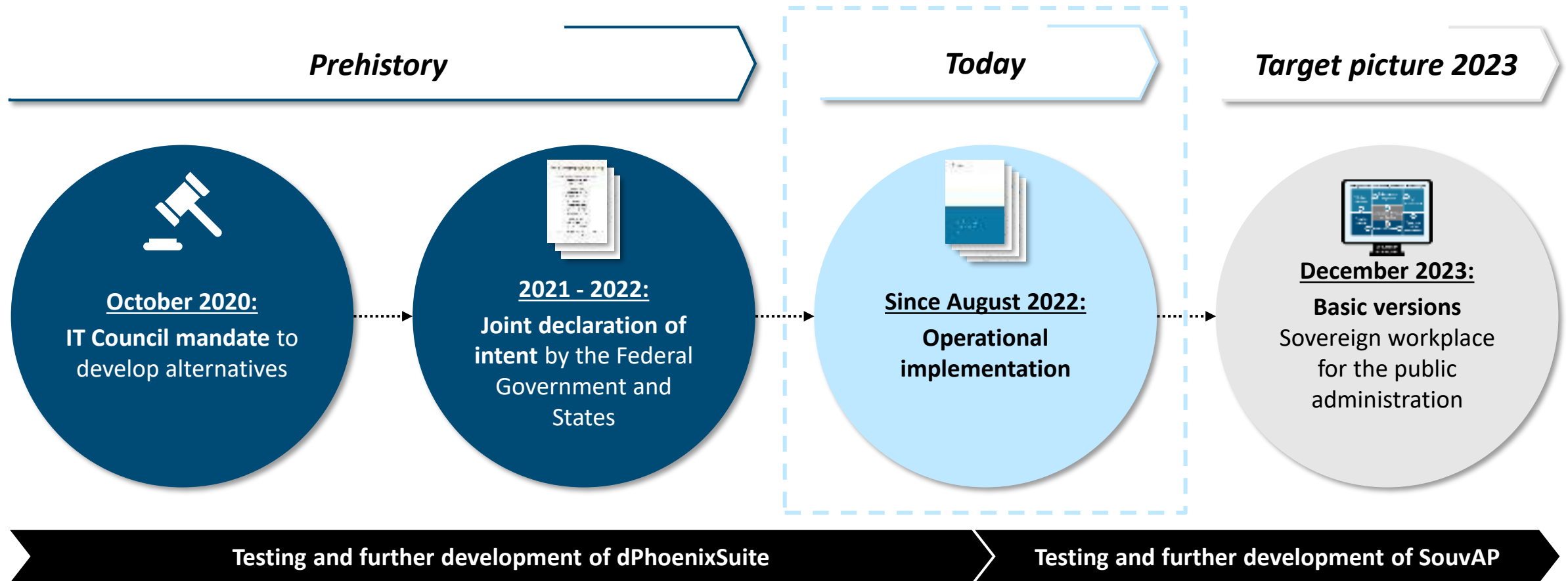


Productivity

Collaboration

Communication

The (preliminary) work on the Sovereign Workplace and the testing and evolution has already been underway since 2021









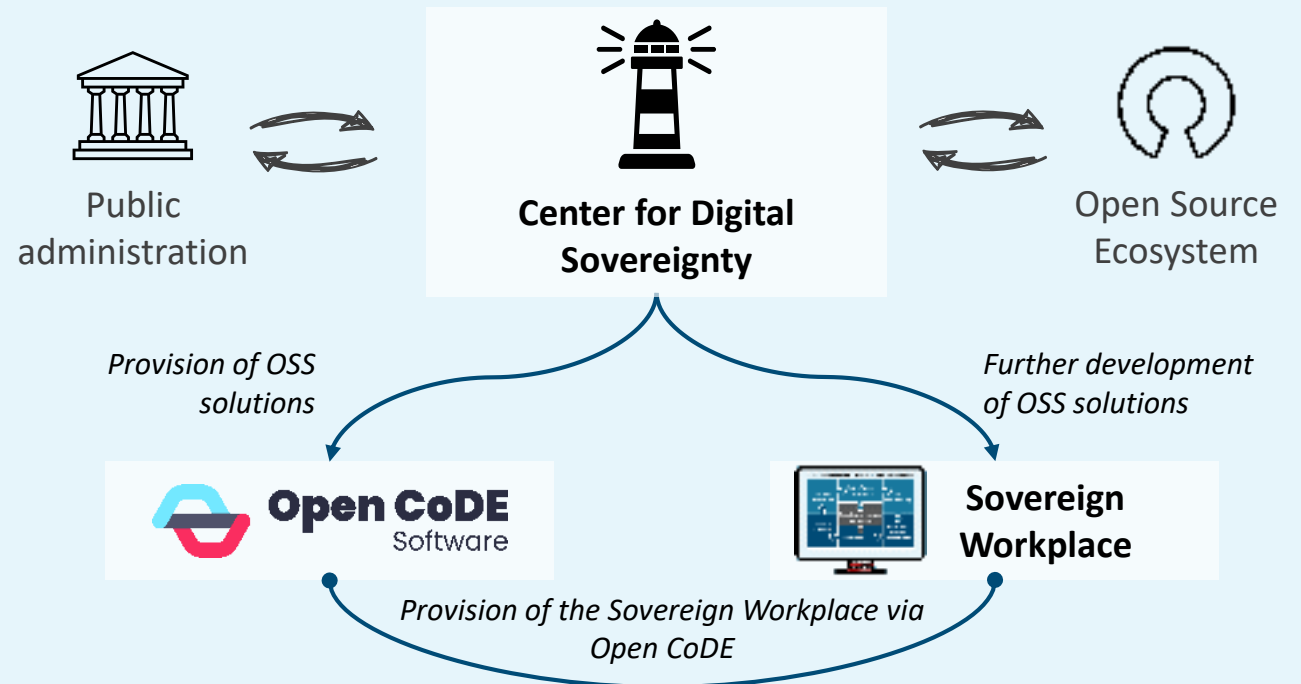
Outlook

The prospective transition into the structures of ZenDiS ensures the long-term success of the Sovereign Workplace

The long-term success of the Sovereign Workplace requires...

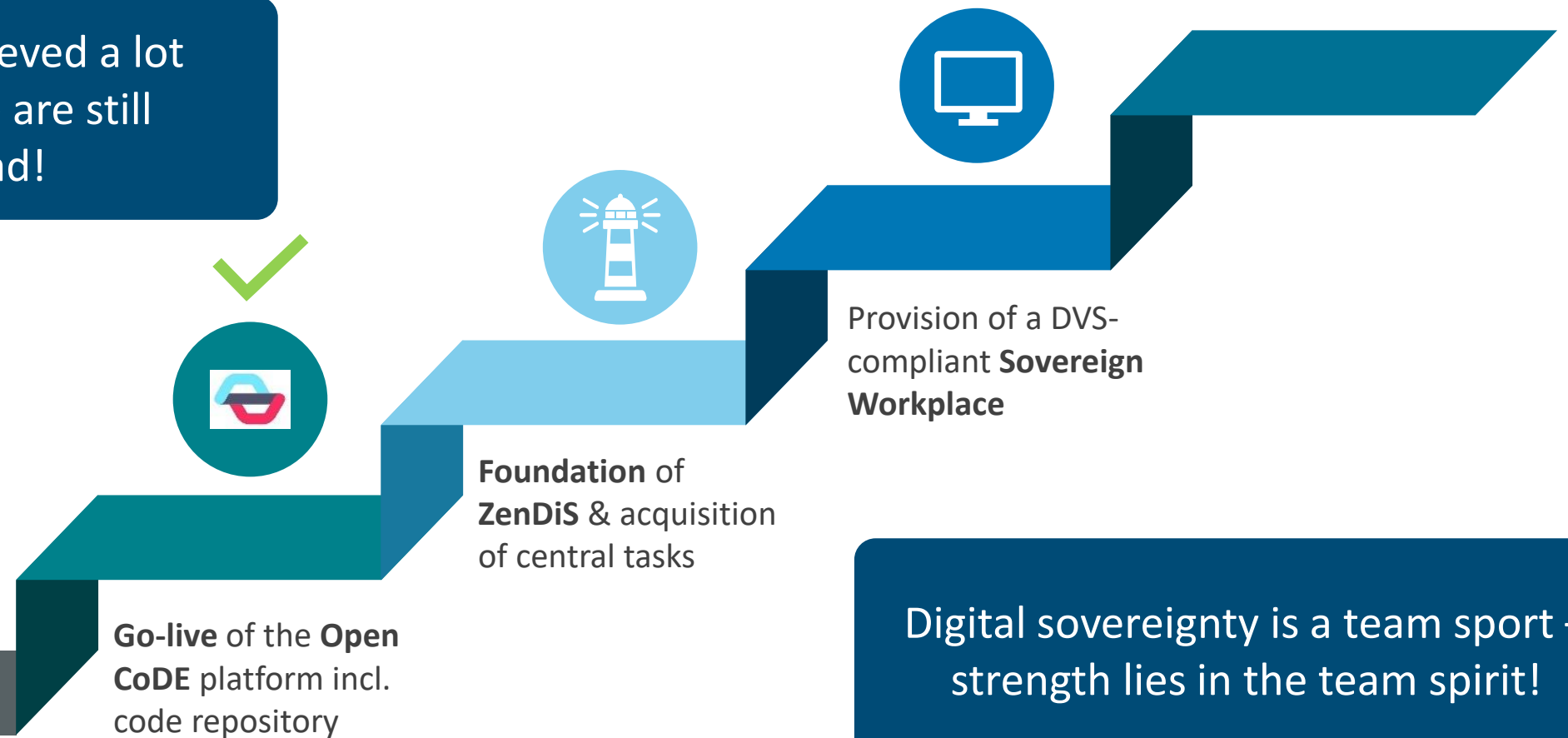
-  ... the **provision** for the **entire public administration** via the Open CoDE Repository,
-  ... the close **coordination** of future developments via a **central roadmap**,
-  ... **cooperation with the OSS ecosystem**,
-  ... ensuring **long-term support and operation**.

...a cross-level institution as a “working muscle” and interface between the public administration and the OSS ecosystem.



Over the coming months and years, the topics presented are to be implemented and carried out on a broad scale

We have already achieved a lot together - but there are still key steps ahead!



Digital sovereignty is a team sport – strength lies in the team spirit!



Bundesministerium
des Innern
und für Heimat

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