

# PLEIADES

Smarter Plant Decommissioning



## Evaluation of PLEIADES

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# Evaluation of PLEIADES

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# Evaluation method

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PLEIADES was evaluated by conducting one-to-one interviews.

## Purpose

Interviews were conducted to create a stronger understanding of the current state of the PLEIADES user experience, to understand what is currently good, where there is room for improvement and what is the future of PLEIADES.

## Structure of interviews

### PLEIADES users

1. Background
2. User Experience
3. D&D Data Management
4. D&D Work Process

### PLEIADES developers

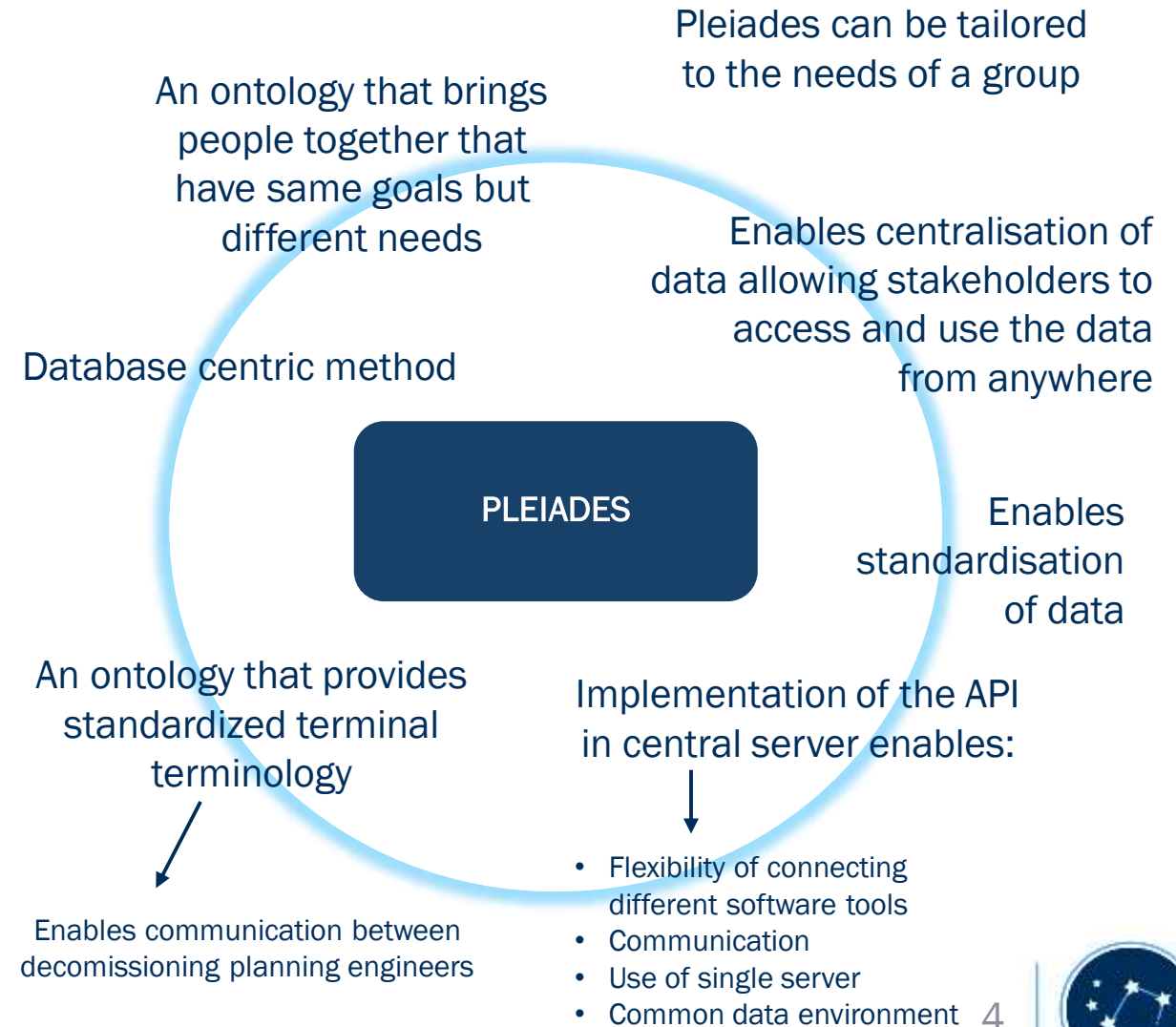
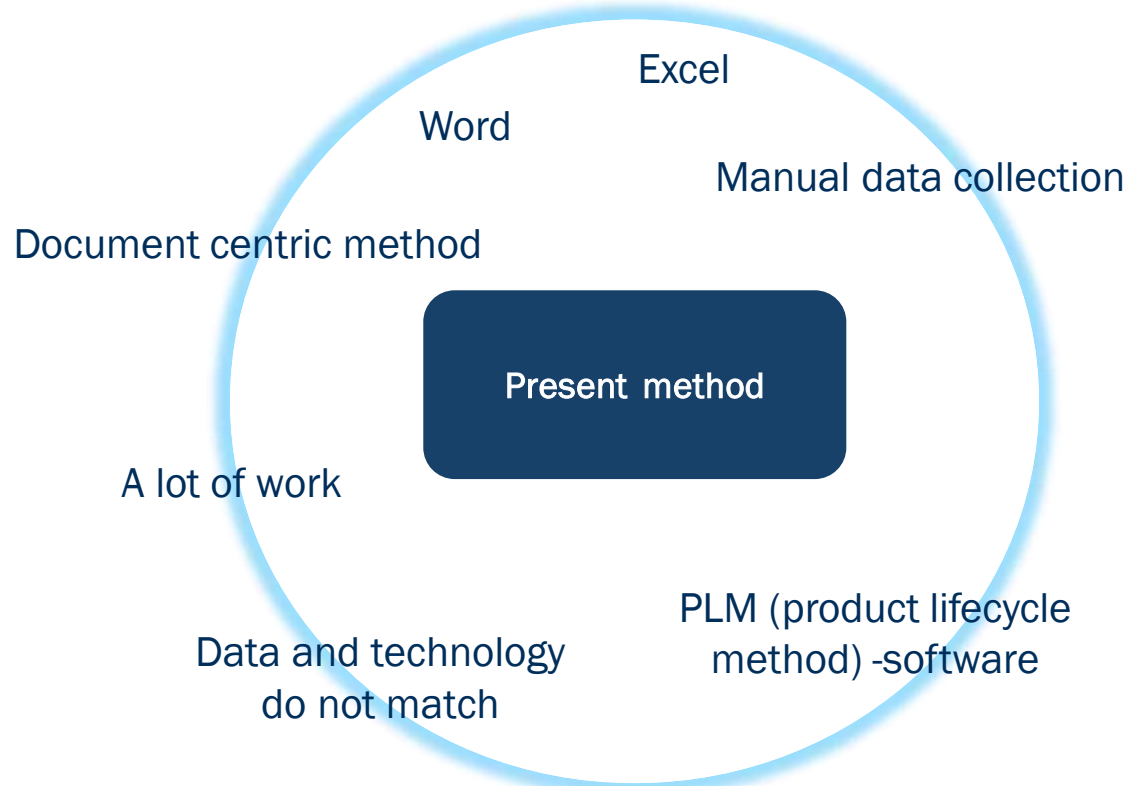
1. Background
2. Development and Maintenance of the Connector and Platform

## Internal interviews

The interviews were conducted for the partners of the PLEIADES project and thus the interviews were internal. The interviewees therefore had prior knowledge and experience of the PLEIADES platform and the project as a whole. The interviewees included end users and developers of the PLEIADES platform.

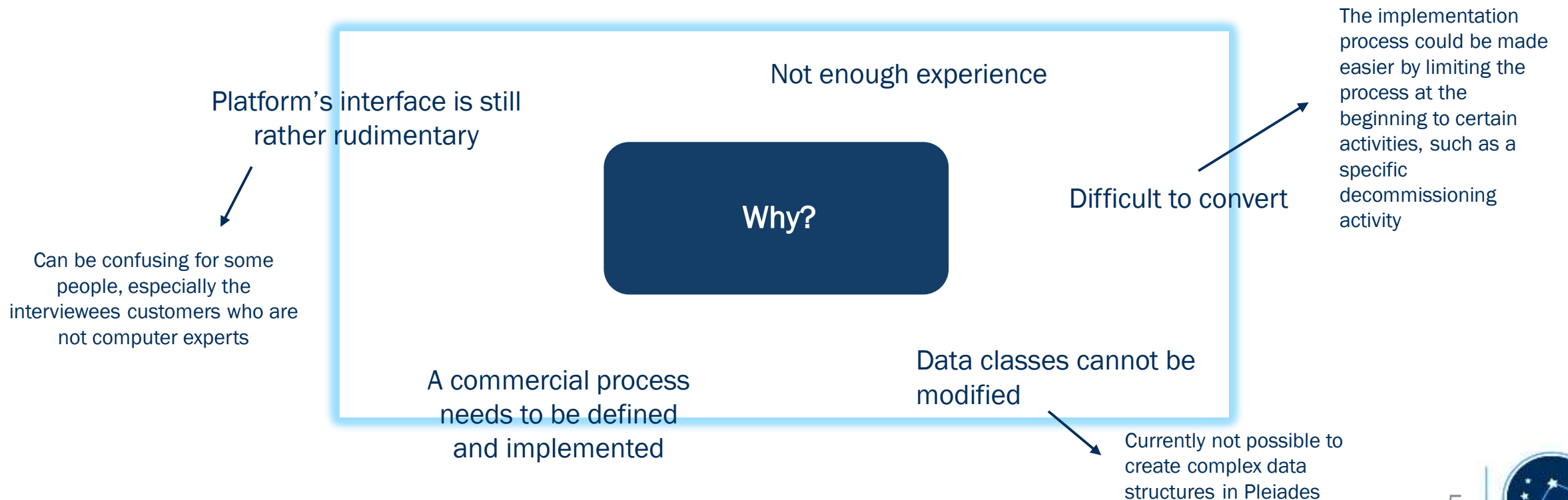


# Differences of the "present method" and PLEIADES



# Using the "present method" parallel to PLEIADES

- 10/10 interviewees said they would use the present method alongside Pleiades



# User Experience (1/2)

## Functionalities of the PLEIADES BROWSER interface to the databases

- Appreciated

1. Possibility of **copying the database** to create sub-databases
2. Possibility to **search for data** using keywords  
→ A quick search within the content
3. Ability to perform **radiological calculations**
4. Content of the **data can be easily accessed** and viewed
5. **Simple to use**
6. Possibility to **test that connector was working**

- Missing but would be appreciated

In terms of project data collection:

1. A **chat** for each PLEIADES database
2. A **process for adding data**.

→ To enable tool users to exchange information with the data referent for the project concerned.

3. A menu to get a **"platform user manual"** according to the data → explain why this type of data is important and how it can be used to produce such results.

→ For example, after the tool users have submitted data additions to the project database, the project manager should validate these additions.

4. **Training capability** by using augmented reality

↓  
Could help providing training to workers who will be working onsite jobs

5. **Linking of data:** currently it may remain unclear in which order the data is related to each other as the data link to its host data does not work.
6. A way to **Organize** the data, **Tabulate** the data and **View** the models



# User Experience (2/2)

## Functionalities of the MinIO REPOSITORY interface to the databases

- Appreciated

1. Possibility to store any document
2. Simple and effective to use

↓

In general,  
the involvement of MinIO in  
PLEIADES was **highly appreciated**

- Missing but would be appreciated

1. Link to the downloaded document for MinIO in the "Document" record in the Pleiades database.
2. Possibility for **moving a file to another folder** in a MinIO Bucket without breaking the link with the database.
3. User manual for MinIO.
4. A solution for finding the right file in many files - a potential problem in the future

↙

Instead of having to create a document record in the database, use the document access link in the MinIO. This would avoid forgetting to make the link.

# Learning to use the Platform

- Made learning easier:

## Examples on working with connectors

Helped using the connectors, examples were highly appreciated

## Class definitions

Helped the learning process and were highly appreciated

## Meeting standards

PLEIADES was developed according to standards, if the user had previous experience of using similar tools, they would also know how to use PLEIADES.

- Future suggestions for making learning easier:

## User manual for the platform and MinIO

Including tutorials and examples extensively on the use of the platform – it is the wish that in this context a common policy for the use of PLEIADES would be developed. In addition, MinIO user manual and examples of its use would be appreciated in the future.

## Comprehensive definitions for data

For the future, it would be appreciated if more information about the data exists so that it would be clear to every user what the data is and what it can be used for.



# Exploitation of the Platform

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All interviewees were interested in the possibility of developing PLEIADES from a business perspective

Most of the interviewees would be willing to take PLEIADES forward in a business sense if PLEIADES were to be actively developed

## Developing Pleiades from a commercial point of view

According to the interviewees, PLEIADES meets a real need

Some interviewees would be ready to take PLEIADES forward in a business sense fairly soon

The majority of interviewees found the PLEIADES ontology to be especially good

Although PLEIADES would need to be further developed in terms of a business case, interviewees felt that PLEIADES already has good technology.





# Contact:

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