

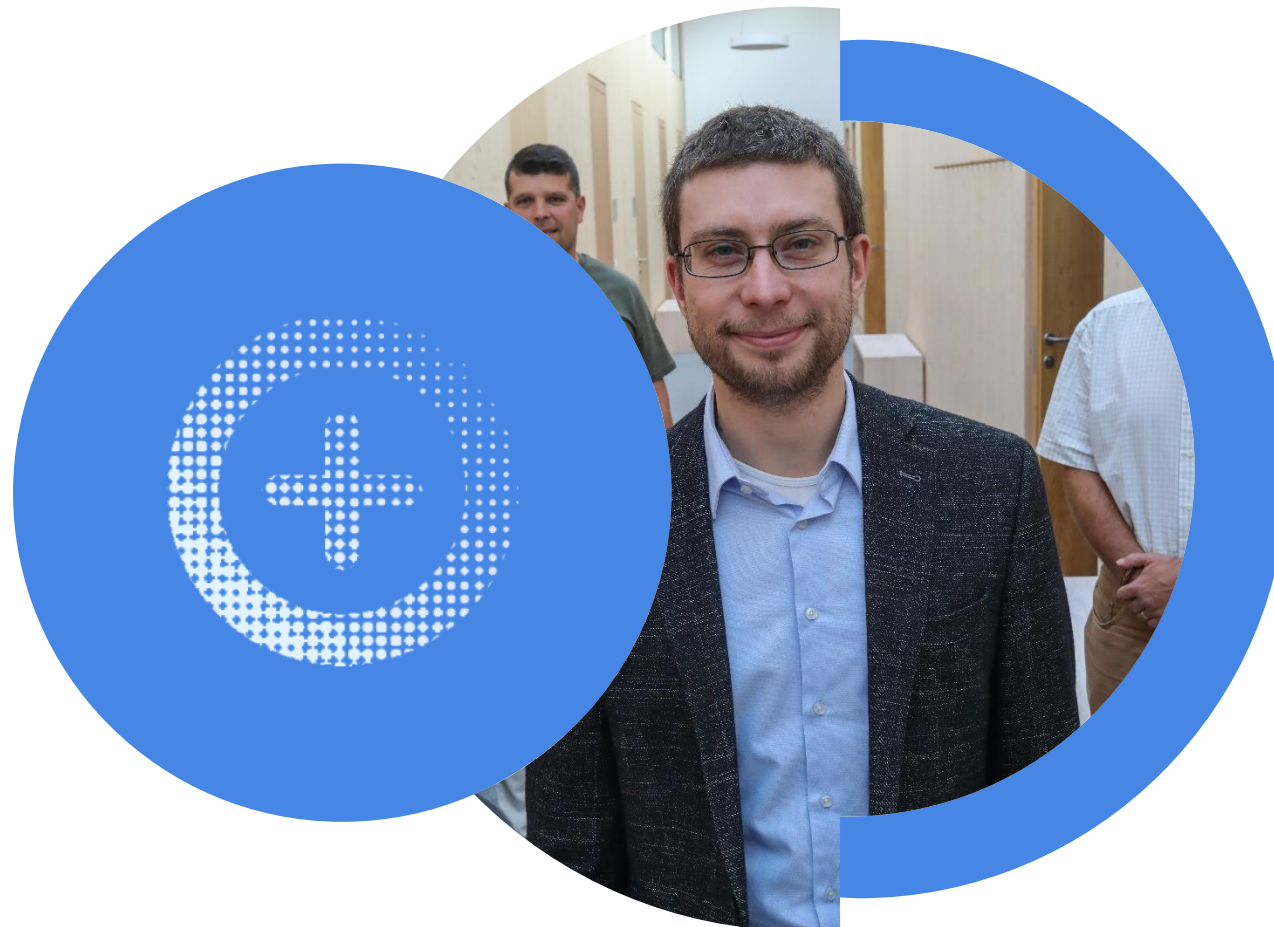
NEXUS

Unlocking Research Potential: Harnessing ARGOS with Data Management Plan

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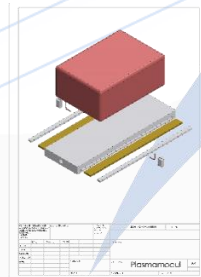
#1 – Scenario

Describe in detail what was the problem/challenge before discovering the service

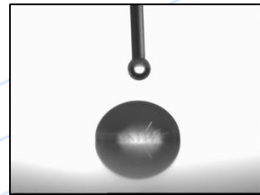
WP0: Management



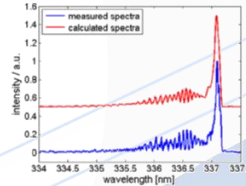
"This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 745936."



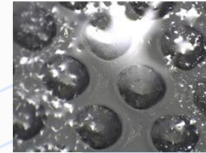
WP1: Build-up of demonstrator



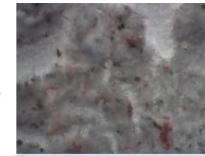
WP2: Wetting and liquid uptake adjustment



WP3: Plasma diagnostics

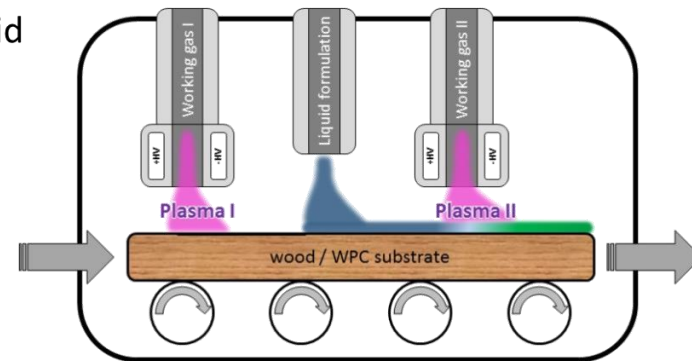


WP4: Coatings without additives



WP5: Complex coatings

WP6: Closure

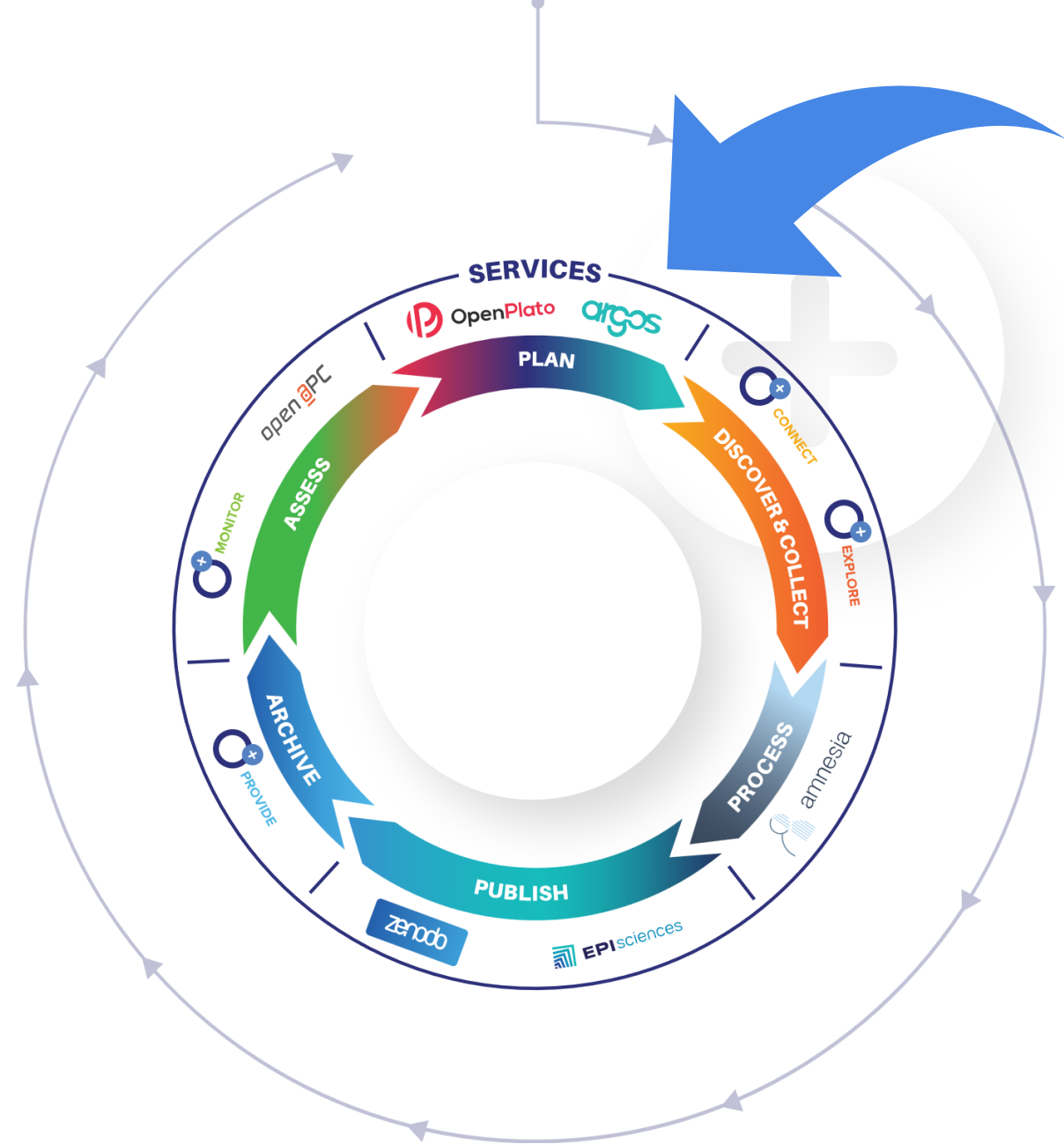




The challenge

- Aim: Fulfil requirements of the Marie Curie fellowship
- Data Management Plans not standard in the host lab
 - No previous experiences among peers or department leadership
 - Discovering available services and efficient practices along the way
- Available (EC) instructions or templates not overly intuitive

#2 – Solution and Implementation



argos

BEGIN WITH PLANNING
DATA & SOFTWARE
MANAGEMENT

Planning: Step up with data

Create the Data Management Plan



- A way to support and track Open Science from the onset
- **mandatory** by research funders.
- Emerging as an integral part of the research ecosystem
- with lots of **automations** to make it easy for everyone to use.

1

Use directly via Argos website
argos.openaire.eu

2

Find the template that can apply to my project and start the DMP

3

Reviewing and Publishing the DMP and the updated version

WHAT I GET

Create your **machine actionable template**

Close the DMP lifecycle and publish **FAIR DMPs, complaint to my research funder**

Support my work and my collaborators with **automating the DMP writing** process by connecting with data repository and services (e.g the EUTOPIA Portal)

Use the OpenAIRE Research Graph to **enrich the DMPs with content and make the links** with other research outputs (Qualified References)

Collaborate with my team and create new versions to support DMPs as **living documents**

Help Researcher Administrators and Funders **to track** DMPs in the OpenAIRE MONITOR (e.g EUTOPIA or Funders)

Case studies – for MSCA Project

- Let's start a demo of a DMP with ARGOS



Discover more: <https://www.openaire.eu/case-studies>

#3 – Impact

OpenAIRE Services and EOOSC



Expected impact on Research Careers

- Argos is part of the EOSC Portal's Services
→ Huge benefits provided through integration!
- More integration also with local services would be nice
- DMPs should become a part of research assessment
- ***Overall, it should become easier to conduct your research by using a DMP tool like Argos as if you were not using it.***

THANKS

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