** Implementation K1**

IGSN

Use Case 1: GEOMAR

Status

IGSN identifiers for samples are already captured at GEOMAR, but not yet in a fully systematic way

- Capture is currently manual
- IGSNs are managed via dedicated sample systems, e.g.: https://biosamples.geomar.de

Responsibility:

- Geosamples: Core Repositoryx Management
- Biosamples: Bio Sample Management, Data Managemement

There are currently no documented workflows or institutional guidelines for IGSN usage

A key development is the ongoing implementation of API-based registration for IGSNs A major challenge is the unclear integration into central systems, particularly:

- Whether and how IGSNs will be exposed in OSIS applications
- Improving **automation (via API)**

Outlook

System integration is an important step toward a more scalable and harmonized IGSN implementation. We strive to work with the core and biosample repositories to develop proper workflows to capture and store IGDN within GEOMAR data systems.

Use Case 2: Geoforschungszentrum Potsdam (GFZ)

What is the current status?

Where shall we go?

Use Case 3: Helmholtzzentrum für Umweltforschung (UFZ)

Implementation Group ORCID:

HMC: Andrea, Manu

UFZ: Johann, Ronny

What is the current status in capturing PIDs? Who is responsible for ORCID?

What tools do we need or are involved?

What are the next steps?

Use Case 4: KIT

What is the current status?

Where shall we go?

Use Case 5: Hereon

What is the current status?

Where shall we go?

Use Case 6: AWI

What is the current status?

Where shall we go?

Use Case 7: FZJ

What is the current status?

Where shall we go?

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Last update: **2026/04/15 16:41**