

**PUNCH4NFDI — TA 7**

Education, Training,  
Outreach, and  
Citizen Science

**PUNCH4NFDI TA7 Meeting**

02.07.2025



## Dates for 2025 provided by Christiane Schneider (MB meeting on 30.06).

- 7 Jul, 12<sup>th</sup> PUNCH4NFDI GM, 14:00 – 17:00 online
- 7 – 11 Jul 2025, 6EPS-HEP, Marseille (<https://www.eps-hep2025.eu/>)
- 14 – 17 Jul 2025, PyHEP.dev 2025, Seattle (<https://indico.cern.ch/event/1515852/>)
- 28 Jul – 1 Aug 2025, Shaping the Digital Future of ErUM Research, Aachen (<https://indico.desy.de/event/47133/>)
- **26 – 28 Aug 2025** CoRDI, **RWTH Aachen**
- **28 – 29 Aug 2025**, **2<sup>nd</sup> Base4NFDI UC**, **Aachen** (<https://events.gwdg.de/event/1103/>)
- **8 – 9 Sep 2025**, **Open Science Festival**, **Vienna**
- 8 – 12 Sep 2025, Advanced Computing and Analysis Techniques in Physics Research (ACAT), Hamburg (<https://indico.cern.ch/event/1488410/>)
- 8 – 12 Sep 2025, DPG fall meeting, Goettingen (<https://www.dpg-physik.de/veranstaltungen/2025/herbsttagung>) => joint booth with PSinNFDI consortia?
- 15 – 17 Sep 2025, Open Science Fair Conference, CERN
- 15 – 19 Sep 2025 AG Tagung, Goerlitz (<https://ag2025.astronomische-gesellschaft.de/>) - registration open
- 18 – 20 Sep 2025, Kiel, Deutsche Physikerinnentagung (<https://indico.desy.de/event/47726/>)
- **22 – 26 Sep 2025**, **Ljubljana**, **AI4Science** (<https://ai4science.si/>)
- 30 Sep – 1 Oct 2025, Data Stewardship goes Germany, TU Darmstadt ([https://www.tu-darmstadt.de/tudata/veranstaltungen/veranstaltung\\_details\\_tudata\\_197376.de.jsp](https://www.tu-darmstadt.de/tudata/veranstaltungen/veranstaltung_details_tudata_197376.de.jsp))
- **8 – 9 Oct 2025**, **Open Science Conference**, **Hamburg** (<https://www.open-science-conference.eu/>)
- **13 – 16 Oct 2025**, **International Data Week**, **Australia** (<https://arcd.edu.au/event/international-data-week-2025/>)
- 9 -13 Nov 2025, ADASS, Goerlitz (DZA)

Invitations to consortia meetings: 4Chem (10 – 11 Sep, Mainz), 4Culture (24 – 26 Sep, Mainz), 4DS (25 – 26 Nov, Berlin), 4ING (15 – 16 Sep, Darmstadt), FAIRmat (2-3 Jul, Bochum – poster call still open until 30 June)

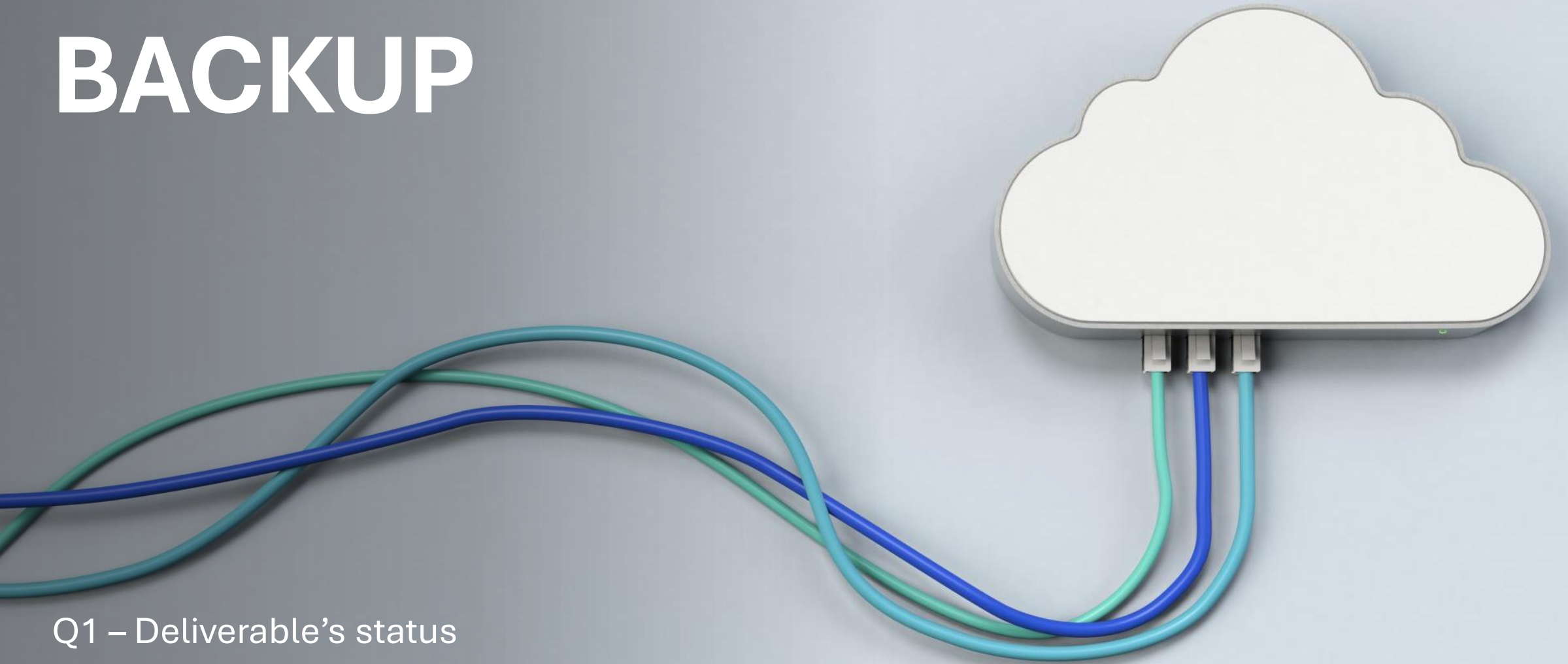
Dates in red: possibility to organize joint submissions with NFDI and consortia

In green: new events

# TA7 Report @ PUNCH GM on Monday 07.07

- [Link to slides under preparation](#)
- **TA7 – PUNCH 1.0 Progress Overview**
- Following the Management Board (MB) meeting held on Monday, 16.06.2025, the MB has requested that all TA leads submit a concise progress overview for the remaining period of PUNCH 1.0 (until September 2026). This information will be consolidated in preparation for the General Meeting on 07.07.2025.
- **Requested Information:**
- **Expected Achievements in PUNCH 1.0:**
  - Outline concrete deliverables and outcomes planned until project end.
  - Specify formats and realization plans (e.g., integration of resources, production of documentation, development of tools).
- **Team Composition and Availability:**
  - List current contributors working within your TA on relevant topics.
  - Include the duration of their involvement (e.g., contract end dates if applicable).
- **Status Update (as of July 2025):**
  - **WP1:** Draft Slides prepared, to be internally approved on Monday morning
  - **WP3:** Implementation completed.
  - **WP2 and WP4:** Inputs can be directly implemented in the presentation, latest Friday 04.07

# BACKUP



Q1 – Deliverable's status

# Deliverables' Status for Q1-2025

| Deliverable | Title                                                                                                                                         | Status                                                        | Deliverable Report                                                          | Challenges |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------|------------|
| D-TA7-WP1-1 | <ul style="list-style-type: none"> <li>Preparation of Online and in-person courses and workshops including hands-on sessions...</li> </ul>    | <ul style="list-style-type: none"> <li>Due Q3 2026</li> </ul> | <ul style="list-style-type: none"> <li>Continuous work</li> </ul>           |            |
| D-TA7-WP1-2 | <ul style="list-style-type: none"> <li>Establishment of the PUNCH4NFDI Young Academy</li> </ul>                                               | <ul style="list-style-type: none"> <li>Achieved</li> </ul>    | <ul style="list-style-type: none"> <li><a href="#">Published</a></li> </ul> |            |
| D-TA7-WP1-3 | <ul style="list-style-type: none"> <li>Development of a special program geared towards female scientists</li> </ul>                           | <ul style="list-style-type: none"> <li>Due Q3 2025</li> </ul> | <ul style="list-style-type: none"> <li>On track</li> </ul>                  |            |
| D-TA7-WP1-4 | <ul style="list-style-type: none"> <li>Critical review of the measures developed and development of a feedback system for training</li> </ul> | <ul style="list-style-type: none"> <li>Achieved</li> </ul>    | <ul style="list-style-type: none"> <li><a href="#">Published</a></li> </ul> |            |
| D-TA7-WP1-5 | <ul style="list-style-type: none"> <li>Documentation and long-term archiving of training material</li> </ul>                                  | <ul style="list-style-type: none"> <li>Due Q3 2026</li> </ul> | <ul style="list-style-type: none"> <li>Planning Phase</li> </ul>            |            |
| D-TA7-WP2-1 | Market Survey                                                                                                                                 | <ul style="list-style-type: none"> <li>Achieved</li> </ul>    | <ul style="list-style-type: none"> <li>? (timeline)</li> </ul>              |            |
| D-TA7-WP2-2 | Standardized curriculum                                                                                                                       | <ul style="list-style-type: none"> <li>Achieved</li> </ul>    | <ul style="list-style-type: none"> <li>? (timeline)</li> </ul>              |            |
| D-TA7-WP2-3 | Teaching materials and courses and independent learning                                                                                       | <ul style="list-style-type: none"> <li>Due Q3 2026</li> </ul> | <ul style="list-style-type: none"> <li>Ongoing activities</li> </ul>        |            |
| D-TA7-WP2-4 | Resources aggregation and access to computing infrastructure                                                                                  | <ul style="list-style-type: none"> <li>Due Q3 2026</li> </ul> | <ul style="list-style-type: none"> <li>Ongoing activities</li> </ul>        |            |
| D-TA7-WP2-5 | Educational Events                                                                                                                            | <ul style="list-style-type: none"> <li>Due Q3 2026</li> </ul> | <ul style="list-style-type: none"> <li>Planning Phase</li> </ul>            |            |

| Deliverable | Title                                                                                                          | Status        | Deliverable Report          | Challenges |
|-------------|----------------------------------------------------------------------------------------------------------------|---------------|-----------------------------|------------|
| D-TA7-WP3-1 | <b>Networking</b> , outreach training, study on effectiveness of outreach, development of evaluation criteria. | • Due Q3 2026 | • Continuous work           |            |
| D-TA7-WP3-2 | <b>Access</b> to data and software for education and entertainment.                                            | • Due Q3 2026 | • Continuous work           |            |
| D-TA7-WP3-3 | <b>Tutorials</b> and resources for teachers and students, material for masterclasses.                          | • Due Q3 2026 | • Continuous work           |            |
| D-TA7-WP3-4 | <b>Study</b> and test pedagogical approaches to promote data science to children.                              | • Due Q3 2026 | • Continuous work           |            |
| D-TA7-WP3-5 | <b>Pilot</b> extracurricular activities in schools, promote changes in school curricula.                       | • Achieved    | • <a href="#">Published</a> |            |
| D-TA7-WP3-6 | <b>Support</b> hackathons, rent a scientist, masterclasses, VO days.                                           | • Due Q3 2026 | • Continuous work           |            |
| D-TA7-WP4-1 | Map out research applications in CS                                                                            | • Achieved    | • ? (timeline)              |            |
| D-TA7-WP4-2 | Prepare Data sets, providing soft-and hardware infrastructure                                                  | • Achieved    | • ? (timeline)              |            |
| D-TA7-WP4-3 | Pilot 6–12-month projects, engage schools and universities, evaluate results                                   | • Due Q3 2024 | • Planning Phase            |            |
| D-TA7-WP4-4 | Launch further projects jointly with the physics community                                                     | • Due Q3 2026 |                             |            |