

# Questionnaire to join NFDI4Cat as Participant

If you are prepared for the following questions, our questionnaire takes approx. 7 minutes to answer.

- 1. First Name, Last Name, Email, Company + Link**
- 2. Share something about yourself and your profession. In which catalyst discipline(s) are you active?**  
Homogenous; Heterogeneous; Bio; Electro; Photo; Other
- 3. Which methods or approaches are central to your catalysis research?** Synthesis; Testing; Analysis; Operando; Spectroscopy; Kinetics; Reactor Models; Theory; Databases; Software; Statistics; Machine Learning; Data Science; Process Engineering; Other
- 4. Are there any existing data infrastructures, databases, or repositories currently used at your institution for catalysis research?** Yes, institutional or departmental data infrastructure; Yes, national or international databases (e.g., NOMAD, Materials Cloud, etc.); Yes, project-specific or internal repositories; No, data are stored locally or individually; Other
- 5. We'd like to understand your data environment better. Could you describe how these repositories or infrastructures are used and who can access them?**
- 6. Does your institution or research group follow a consistent standard for naming files and organizing folder structures?** Yes, institution-wide standard; Yes, group-specific standard; Partially (in some projects); No standard yet
- 7. Does your institution or research group follow a consistent standard for naming samples?** Yes, institution-wide standard; Yes, group-specific standard; Partially (in some projects); No standard yet
- 8. To what extent do you already work with metadata? Do you use a specific metadata schema?**
- 9. Please choose your preferred data storage and publishing infrastructure requirements.** Necessarily local only; Central with access management (NFDI); Public repository
- 10. How familiar is your team with FAIR data principles (Findable, Accessible, Interoperable, Reusable)?**
- 11. Do you have a data steward or data management policy in place?** Yes, formal data steward role; Yes, informal data management responsibilities; No, but planning to establish one; No
- 12. Does your institute have a practice of collecting data directly during laboratory work? If yes, which ELN is used in your institution? Do you plan to use an ELN in the future? If yes, do you already know which ELN?**
- 13. In which NFDI4Cat Use Case(s) would you like to participate or contribute?**  
*BASF SE/hte* - Sustainable Production of Alcohols from Synthesis Gas  
*Linde/Clariant* - Sustainable Production of Olefins through Catalysis  
*Evonik* - Combination of Chemical and Biotechnological processes for the Sustainable Production of Basic and Speciality Chemicals
- 14. What kind of contributions do you plan? Are you planning to apply for FlexFunds from NFDI4Cat?**
- 15. What kind of data can you contribute? What percentage of your data could be shared under open or restricted licenses?**
- 16. Have you already explored the tools and services offered by NFDI4Cat on our website? Which NFDI4Cat tools or services would you like to start using first?**
- 17. What are your expectations of NFDI4Cat as a project and what are your preferred outcomes?**