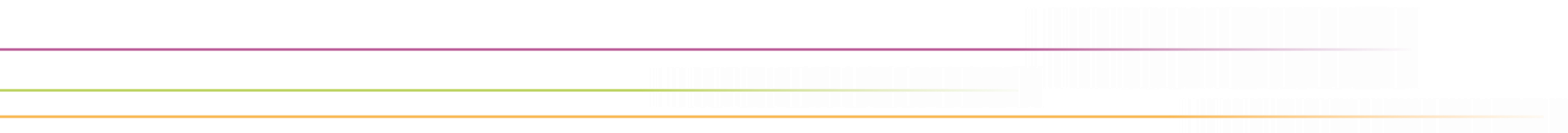


DEN
deutsches forschungsnetz





NREN as AI broker

Facilitating access to AI platforms

SIG-AI | 11.12.2024

Jakob Tendel - DFN

- GN5 WP4 Co-WP Leader, Above the Net Services



Outline

DFN

I. NREN roles in AI

II. Scenario #2: Community facilitation

III. Scenario #3: Procurement facilitation

NREN roles in AI community support

DFN

1. Provider

- ▶ The **NREN operates** AI models
- ▶ **NREN AI service** to the community

2. Community facilitator

- ▶ NREN in **brokerage** role within the community
- ▶ Enables sharing of **community AI services**

3. Procurement facilitator

- ▶ NREN as enabler of **procurement**
- ▶ Helps institutions with procuring **commercial AI services**

Trusted advisor, competence centre, knowledge sharing facilitator

Role #2: Community facilitator

DFN Service

DFN-Cloud - Federated Services

- ▶ Community service-sharing framework
- ▶ Compliance between “provider” and “user” institutions
- ▶ Cost-recovery via DFN



Use case in Germany

▶ GWDG Chat-AI



- ▶ Top German academic datacentre
- ▶ Selection of AI models
- ▶ Many self-operated, self-trained
- ▶ Free for academic users
- ▶ Conditional access to OpenAI also



Role #2: Procurement facilitator

DFN

DFN Service

DFN-Cloud - External Services

- ▶ GÉANT Cloud Framework **OCRE**
- ▶ Helps institutions easily procure commercial cloud platforms
- ▶ Compliance, low-effort, discounts



Use case in Germany



- ▶ RWTH University Aachen - **RWTHgpt**
- ▶ Top German engineering uni
- ▶ Using Microsoft **Azure OpenAI**
- ▶ Encapsulated GPT environment
- ▶ **GDPR** compliant
- ▶ For staff and students



Questions?

► Kontakt

► Jakob Tendel

E-Mail: tendel@dfn.de
Telefon: 0049 30 884299-348
Fax: 0049 30 884299-370

Anschrift:
DFN-Verein, Geschäftsstelle
Alexanderplatz1
10178 Berlin

