

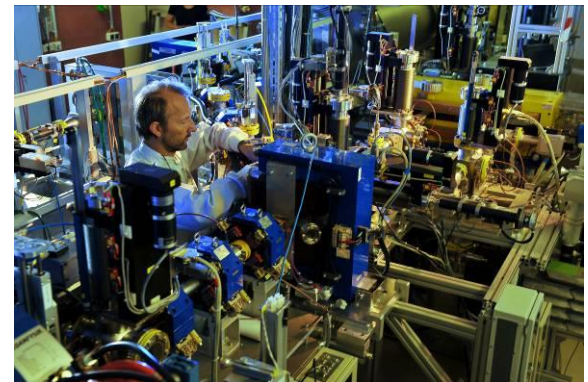
Helmholtz-Zentrum Dresden-Rossendorf

User Access to the Research Infrastructures



HZDR – Facts and Figures

- Member of the Helmholtz Association
- approx. 1000 Employees (500 scientists)
- Main research activities in the fields of
 - Cancer Research
 - Materials Research
 - Nuclear Waste Management and Safety
 - Energy Efficiency
 - Metalliferous Resources



Images: 1. PET/MR-Full-body Scan Tomograph | 2. ELBE | 3. TOPFLOW Facility Pressure Tank

HZDR User Facilities

ELBE – Center for High-Power Radiation Sources

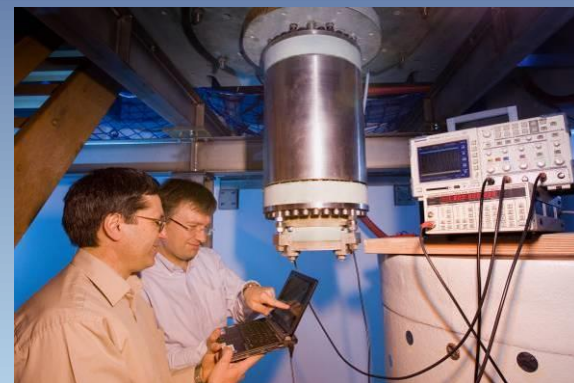
Superconducting Electron accelerator ELBE, free-electron lasers FELBE, Bremsstrahlung, neutrons, positrons, new THz source TELBE

Dresden High Magnetic Field Laboratory (HLD)

Pulsed Magnetic Fields up to 94 T (routine operation up to 85 T)

Ion Beam Center (IBC)

Nanoscale surface analysis and modification in the energy range between 10 eV and 100 MeV



User Access

HZDR

HELMHOLTZ
ZENTRUM DRESDEN
ROSSENDORF

▼ GATE
▼ HZDR GATE
Login
Registration
Lost password
Lost username
Handbook

HZDR GATE

HZDR GATE is the general access tool to the research infrastructures (RI) at HZDR, offering access to external user!

Users are kindly required to register in HZDR GATE in order to be able to

- submit a proposal for beamtime at [ELBE](#) or [IBC](#)
- participate in experiments at the RI at HZDR
- to provide user feed-back and to submit experimental reports
- to file publications resulting from experiments at an RI at HZDR.

Login

Username	<input type="text" value="schrammb"/>
Password	<input type="password" value="••••••••"/>
	<input type="button" value="Login"/>

New Users: [Registration](#)

[Lost password](#) [Lost username](#)

 [Go to top of page](#)

responsible: [User Office](#)

 [Print Version](#)

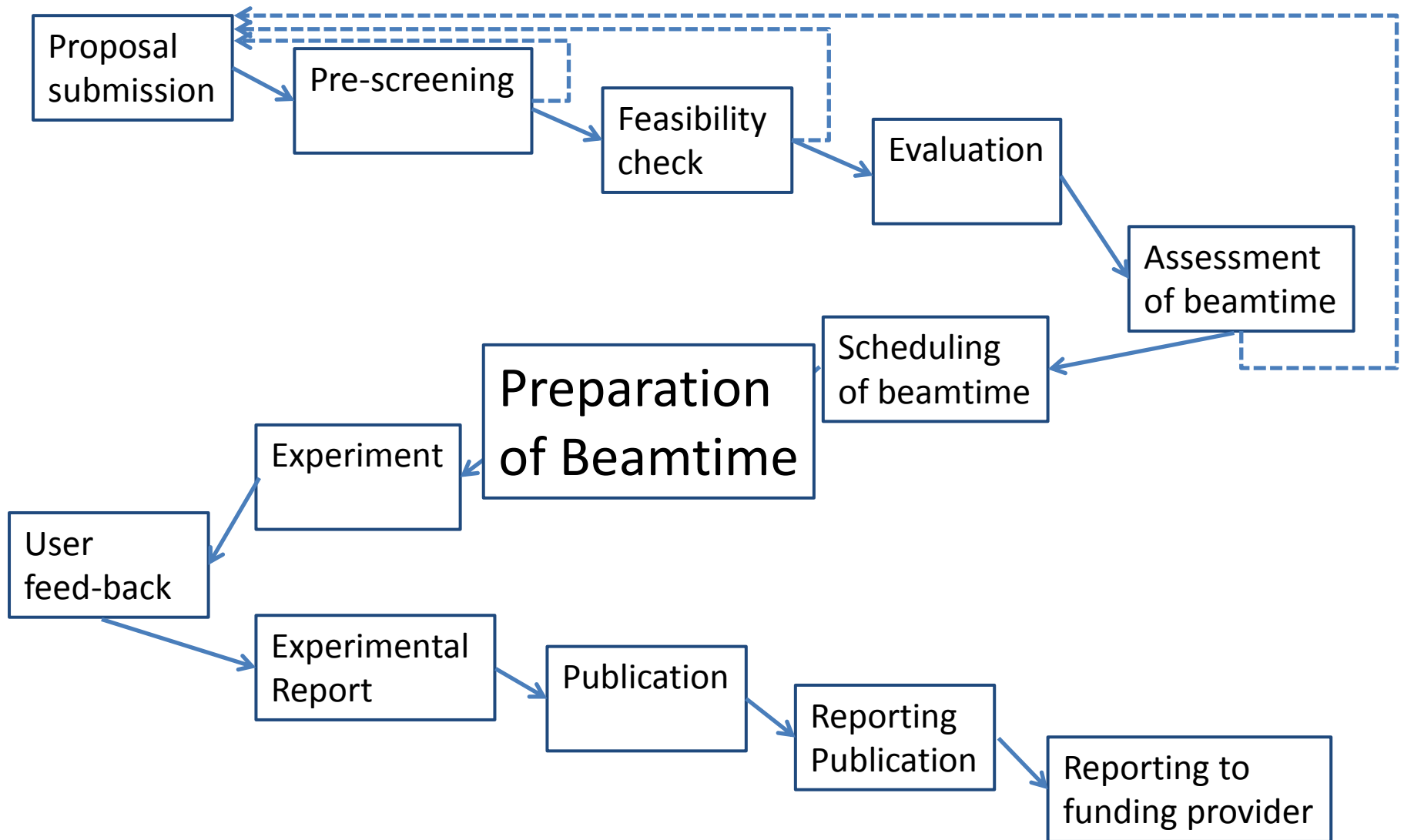
ELBE: one facility with different beamlines,

Proposal submission: two deadlines per year

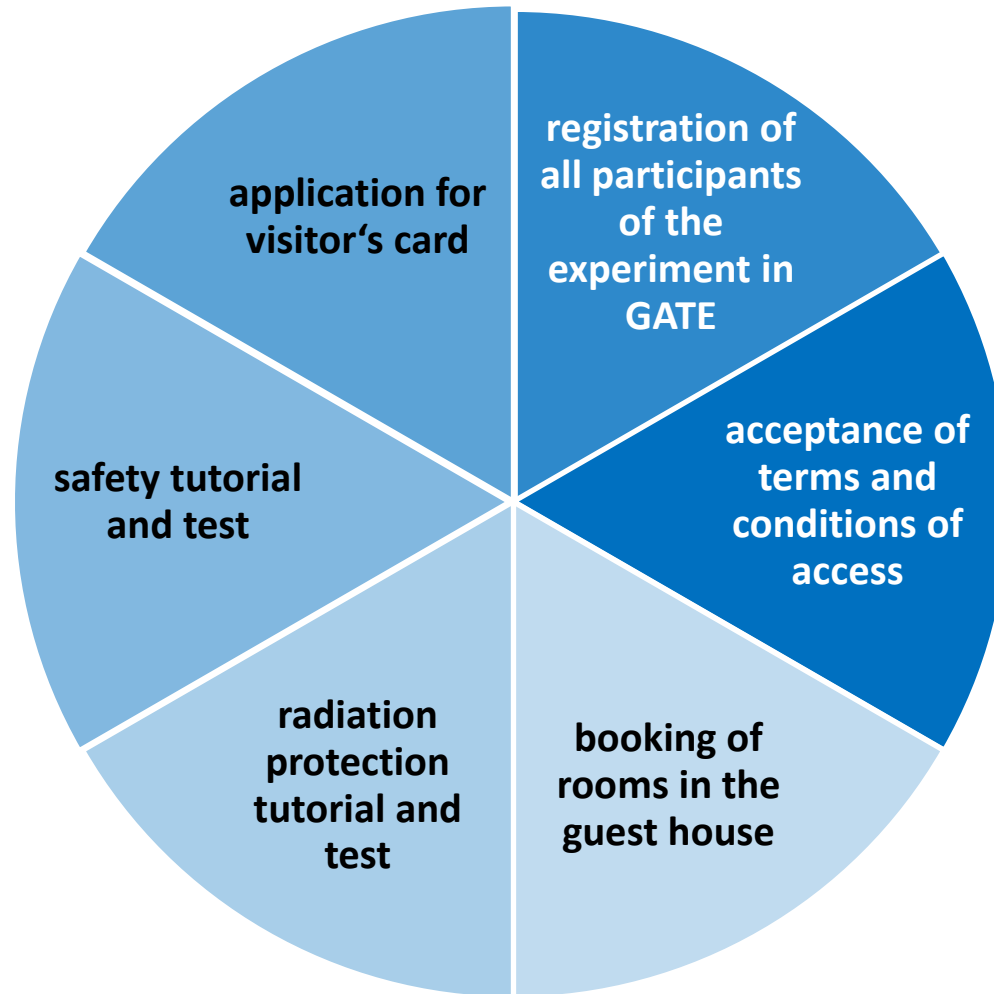
IBC: various accelerators and implanters each offering a variety of different techniques

Proposal submission: at any time, evaluation and beamtime assessment triggered by submission

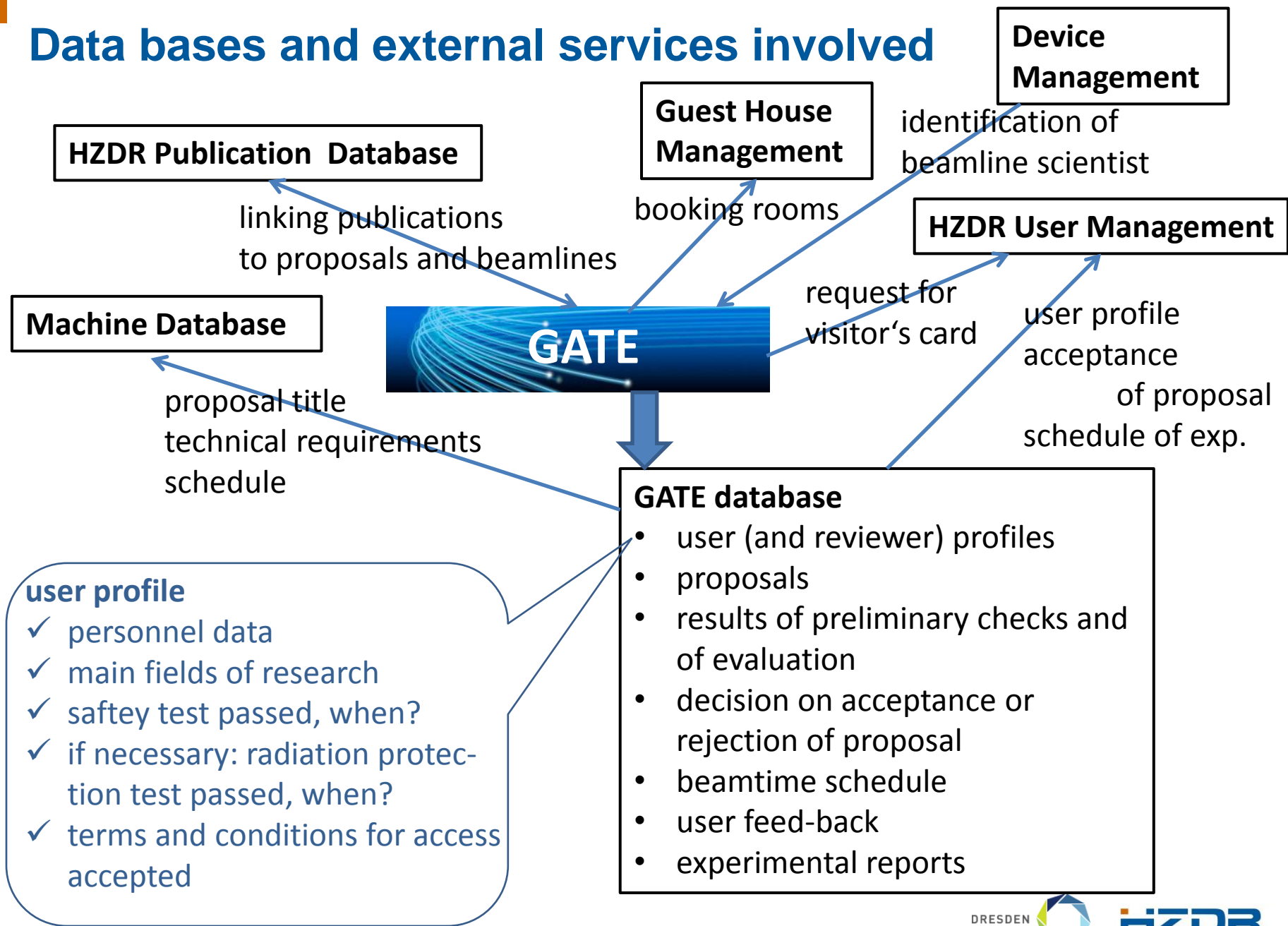
Work Flow



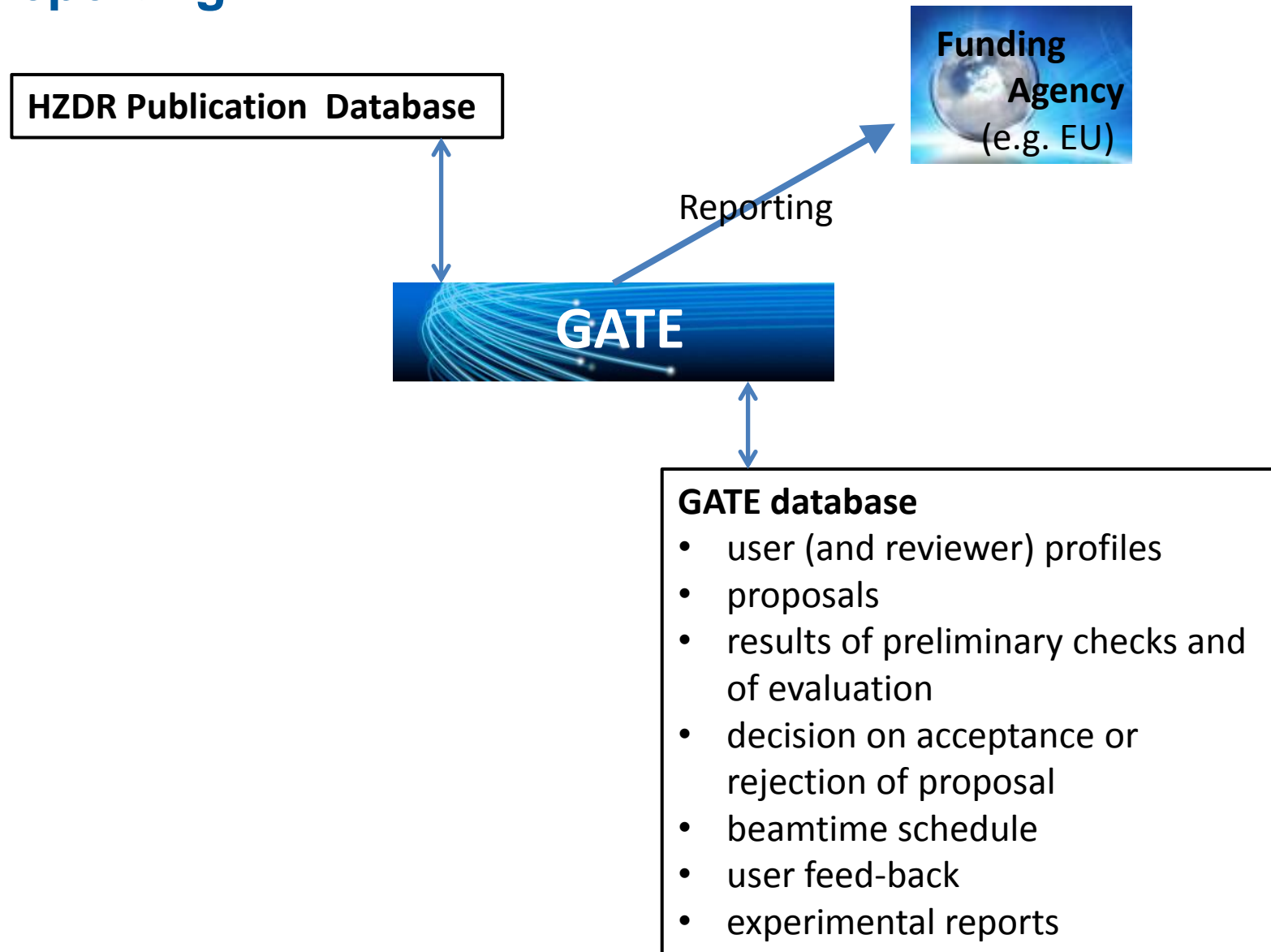
Preparation of Beamtime



Data bases and external services involved



Reporting



Conclusion

- Successful test run of GATE with selected ELBE users in Spring 2014
- Routine operation as of Fall 2014
 - Call for ELBE proposals with deadline November 4th, 2014
 - Application for Beamtime at IBC from November 2014
- Authentication through Shibboleth for the GATE Admin tool
- Next steps:
 - Authentication through Shibboleth and Umbrella for Users
 - Connection to wayforlight
 - Test of reporting tools in GATE
- Open issues:
 - data management
 - partial integration of EMFL access tool

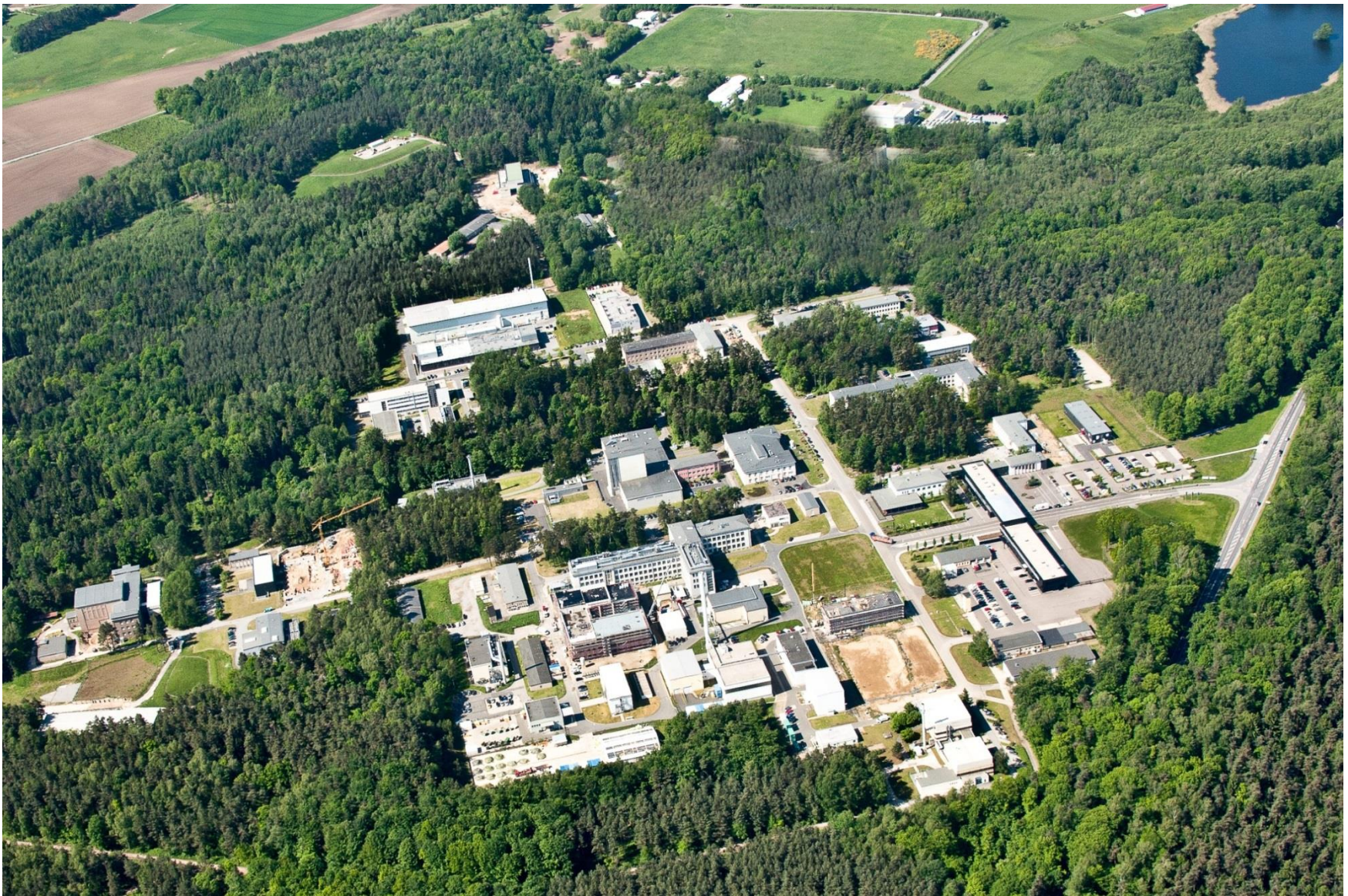


Foto: Jürgen-M. Schuler / dresden-luftfoto.de

Thank you for your attention!