FIRE Resource Federation

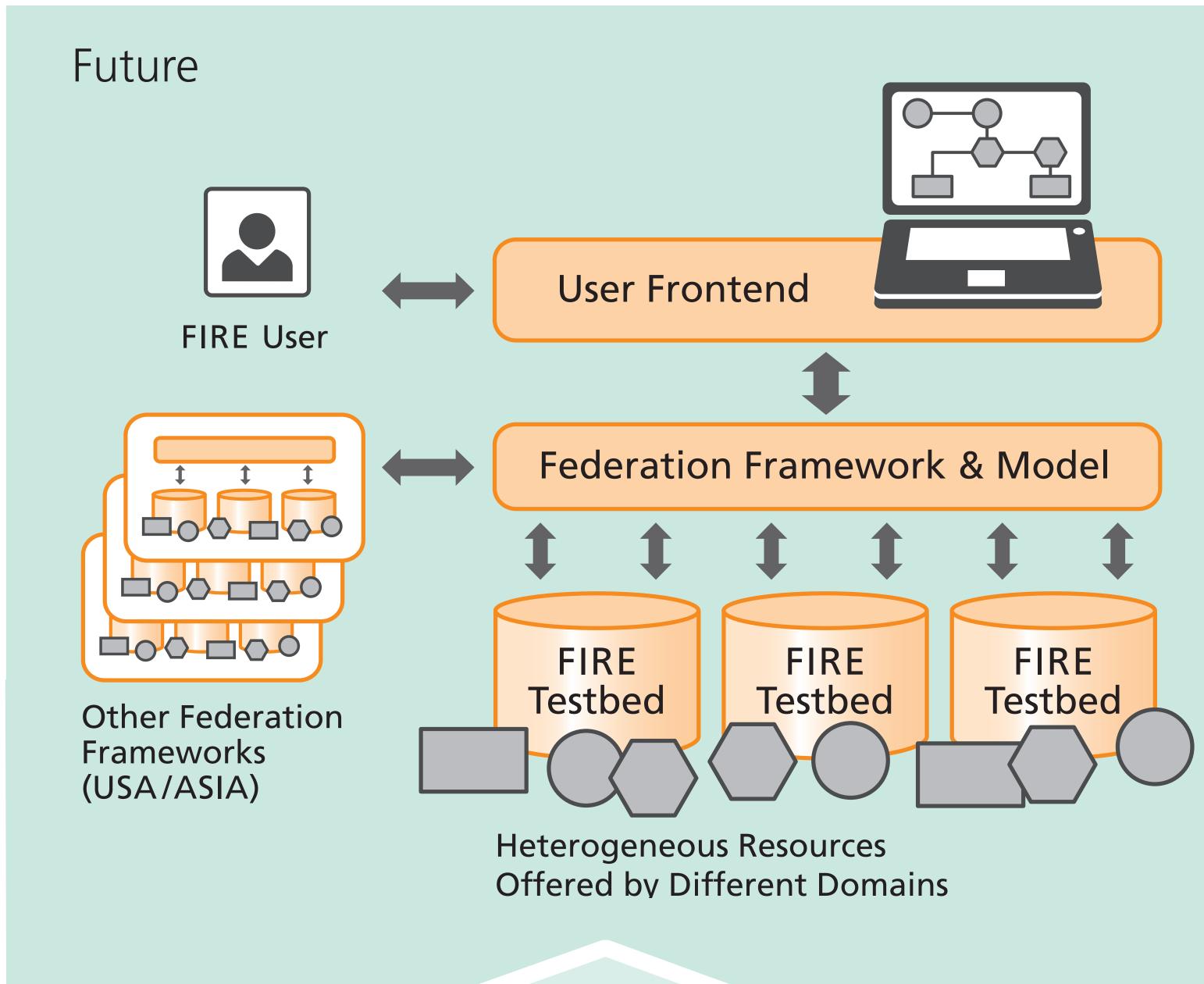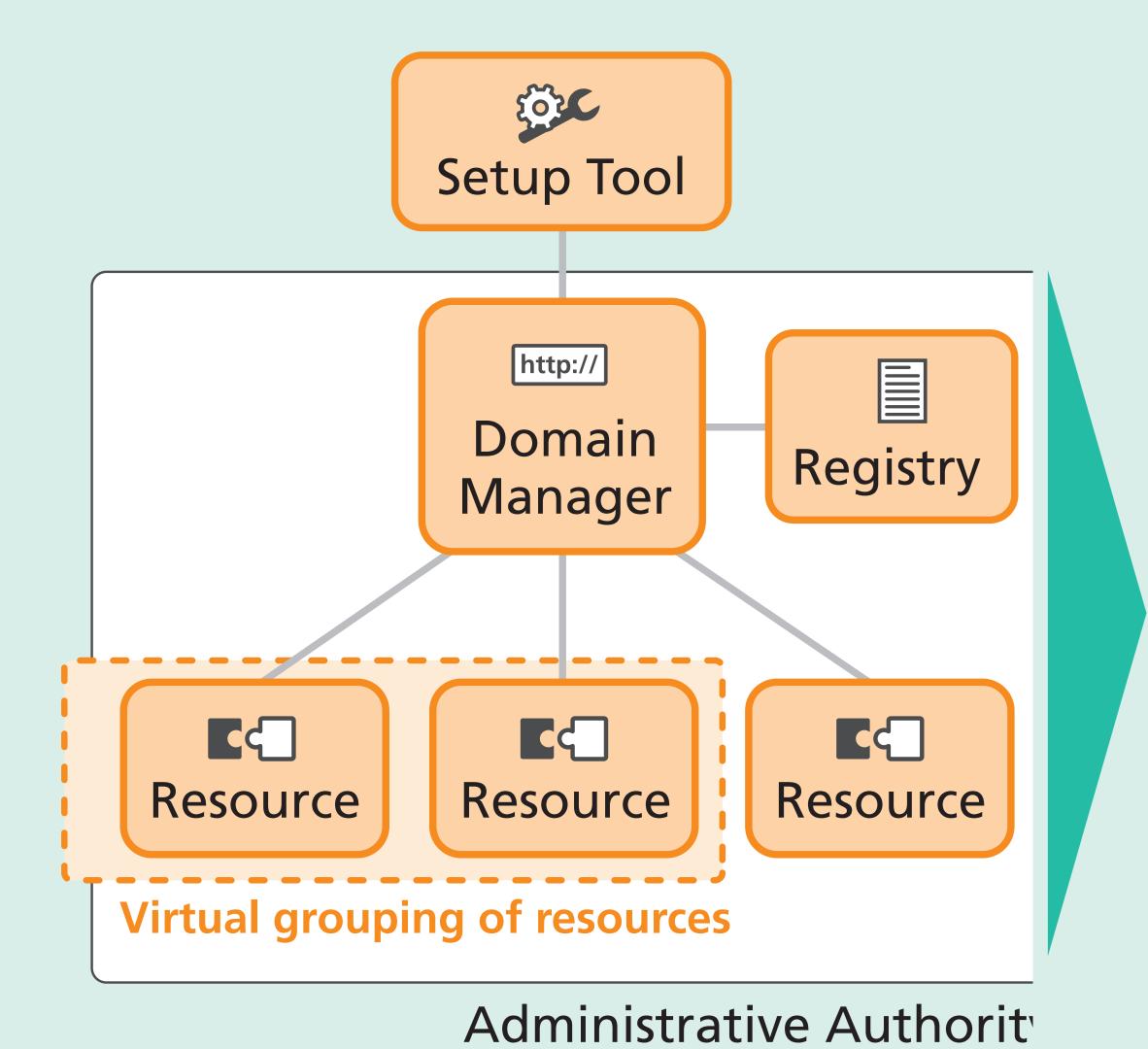www.german-lab.de

Today

PlanetLab

Panlab

Emulab

OneLab

G-Lab

Wisebed

There is a need for a resource federation model and for standardized interfaces ...

Future

FIRE User

User Frontend

Other Federation Frameworks (USA/ASIA)

Federation Framework & Model

FIRE Testbed

FIRE Testbed

FIRE Testbed

Heterogeneous Resources Offered by Different Domains

... to enable seamless resource access across the boundaries of administrative domains.

Setup Tool

http://
Domain Manager

Registry

Resource

Resource

Resource

Virtual grouping of resources

Administrative Authority

http://

http://

Domain A

Domain B

Contact and more information: Konrad Campowsky – konrad.campowsky@fokus.fraunhofer.de