

BYGG SØK

plan - informasjon - bygning



**IAI conference
Oslo 2005**

Øivind Rooth

Project manager

Vision

Deliver better and more
efficient public services
and improve the
industrial
competitiveness

Goal

Local government offer
electronic services in
zoning and building
matters

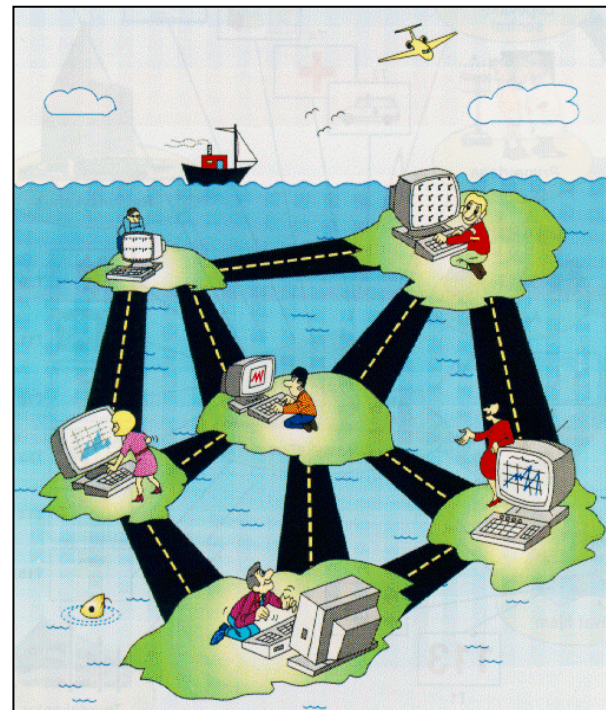
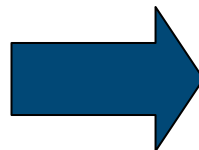
Benefits

- Electronic processing of zoning proposals and building applications make more efficient working procedures
- Reduced costs for both industry and governments
- More open and transparent public sector, delivering more comprehensible and accountable services

Benefits

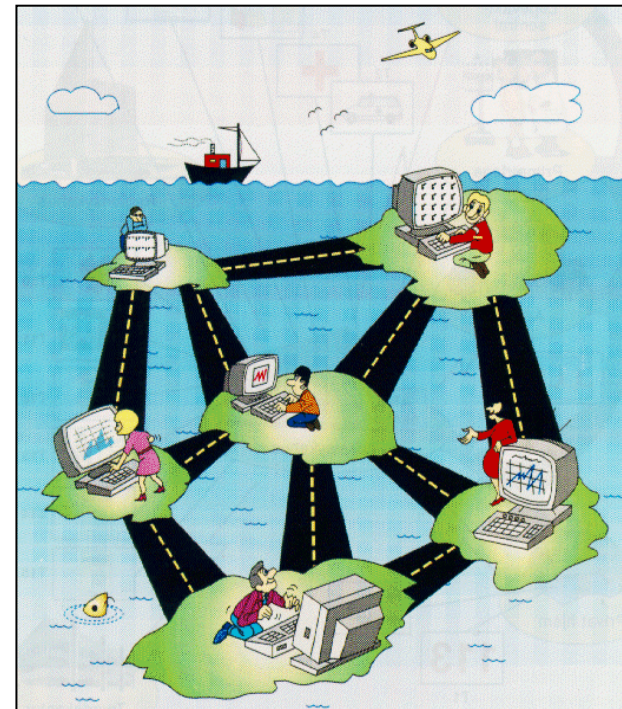
- More user-centred and inclusive administrations, providing 24/7 services
- IT-standards for data exchange are freeing users from having to register information more than once and to provide quality assurance of the information

The goal

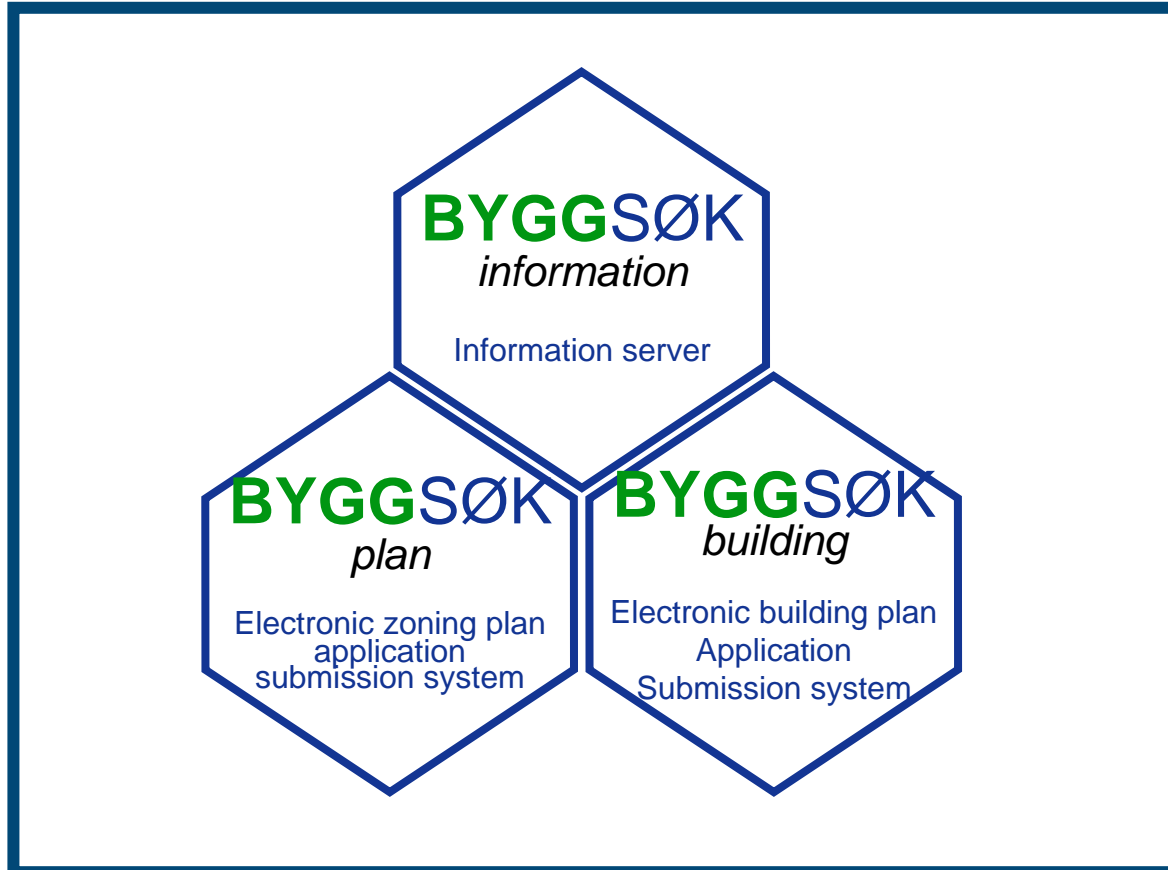


Methodology

Security	Software	Standards
	Information structure	
	Technical infrastructure	



Parts in ByggSøk



ByggSøk-information

- A system for publishing information required to prepare a zoning proposal or a building plan application
- All 433 local governments in Norway are offered the opportunity to publish information related to zoning and building regulations on a joint website

ByggSøk-zoning

- serves as a basis for communications between developers and the local government.
- provides a foundation for a developer to enter into a dialogue with local authorities early on in the zoning process.
- The zoning proposal is checked it sending to the local government.

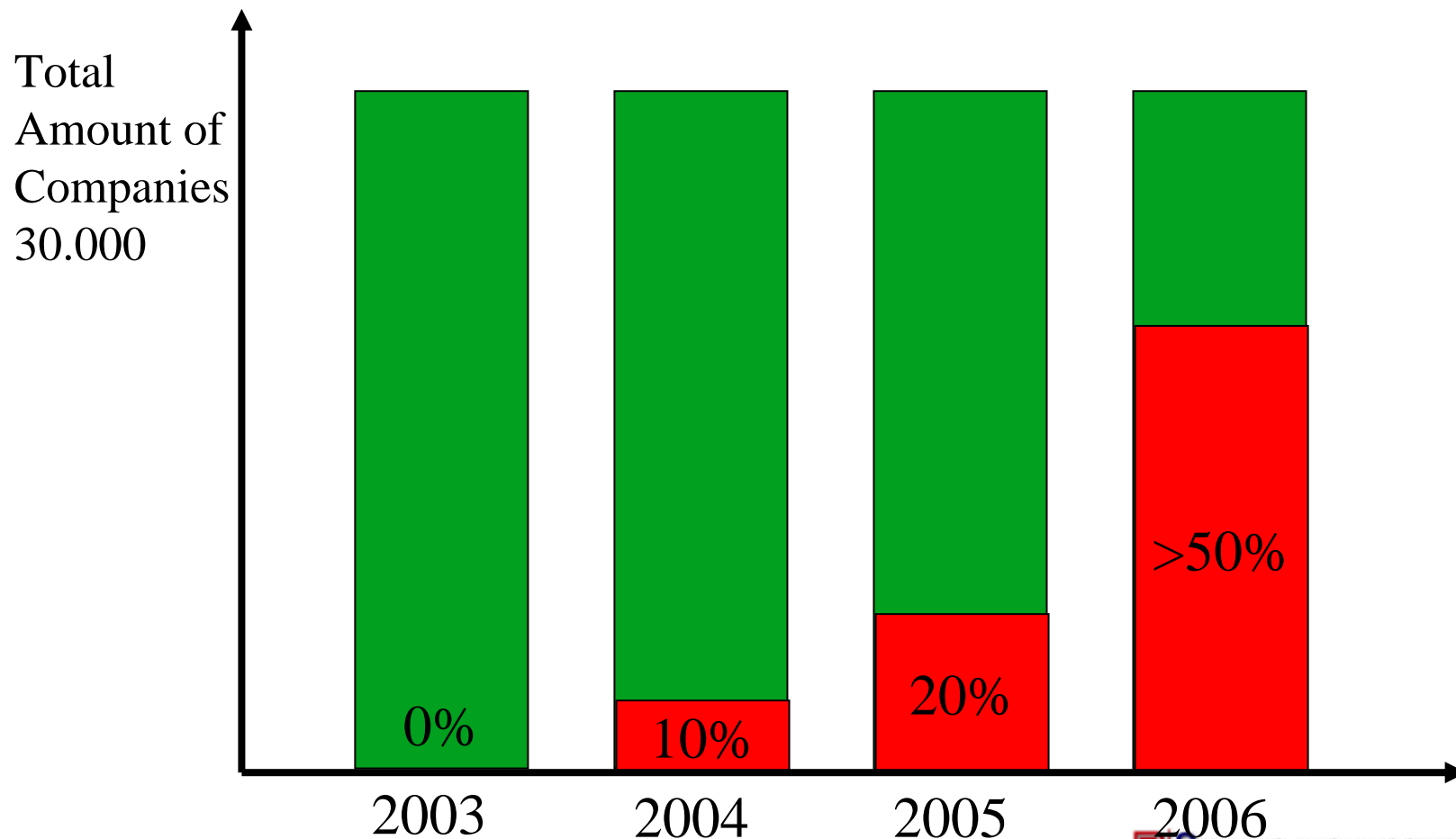
ByggSøk-building

- Building applications are registered via the Internet.
- The applicant is guided through an application process customised to the matter concerned and receives assistance during the process.
- The content is checked. If the application is complete it can be printed out on paper or send electronically to the local authority

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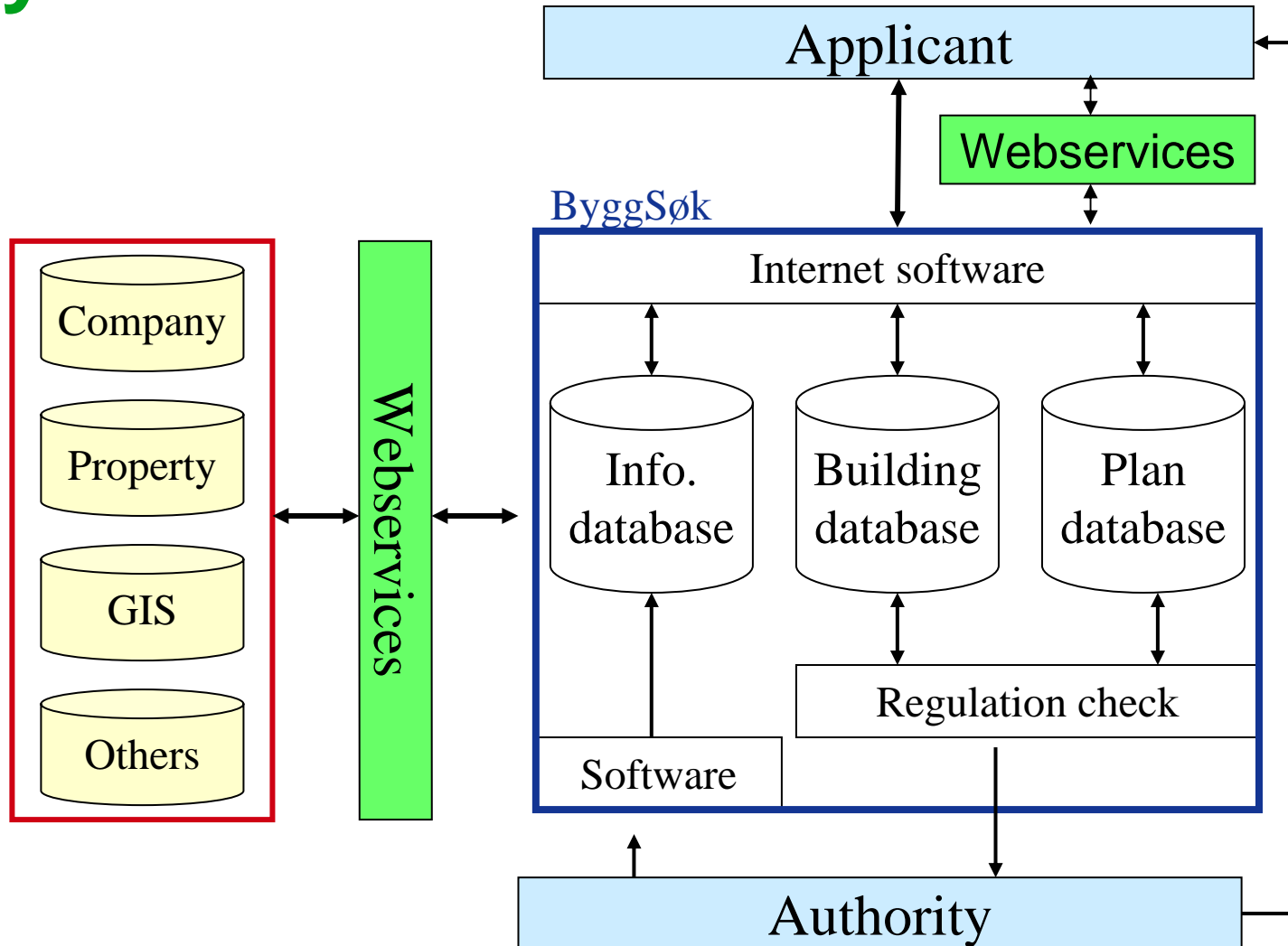
Users ByggSøk-building



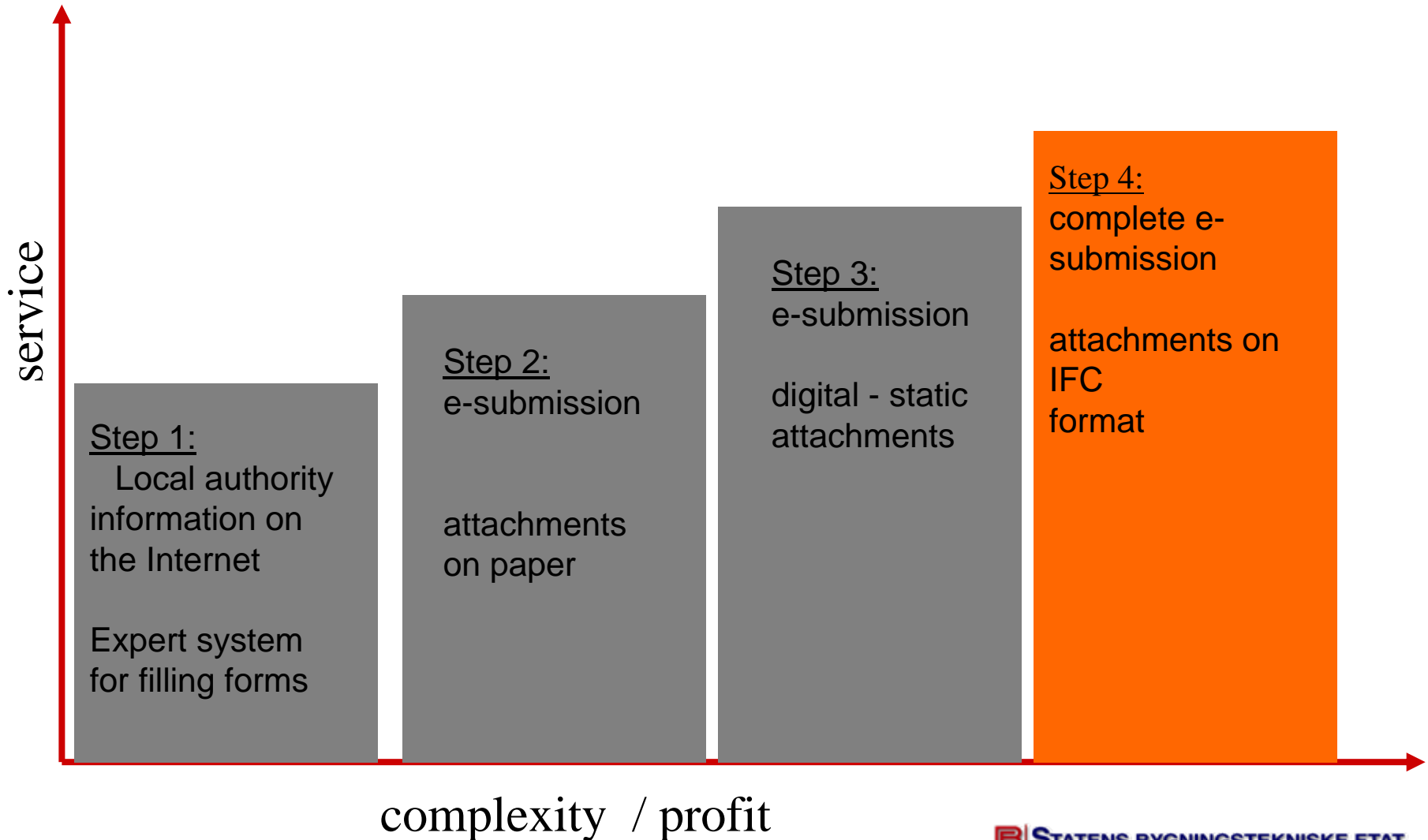
Applications send through ByggSøk building



System overview



Development progress Building application



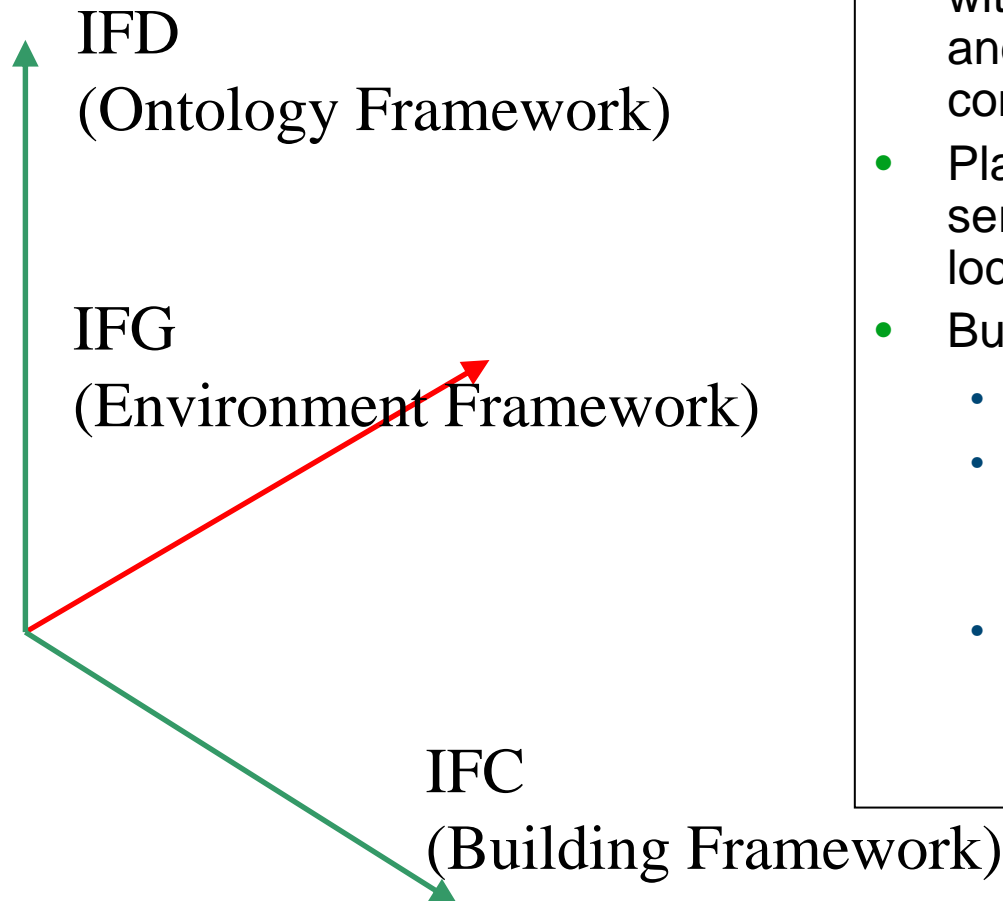
Regulation control

- Check against general regulations (IDM)
- Check against site specific regulations (rules inside IFC model)

Regulation control

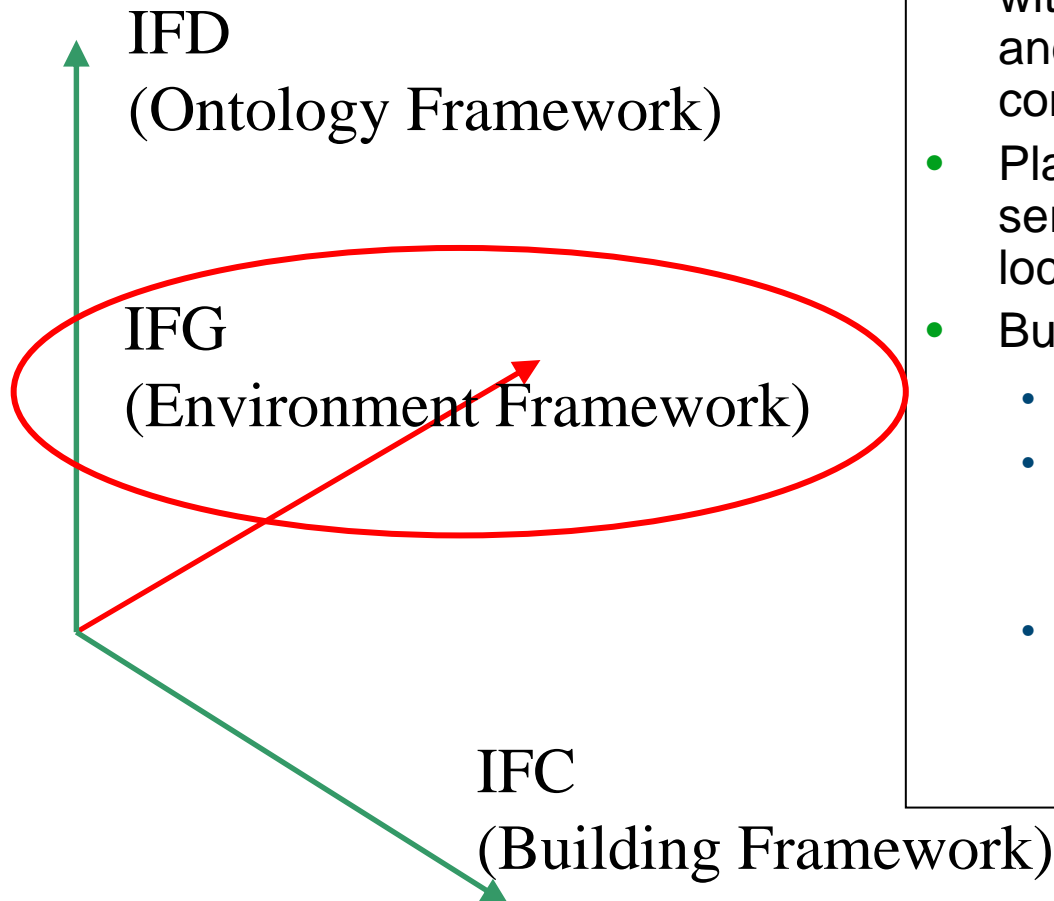
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IFG scope of Work



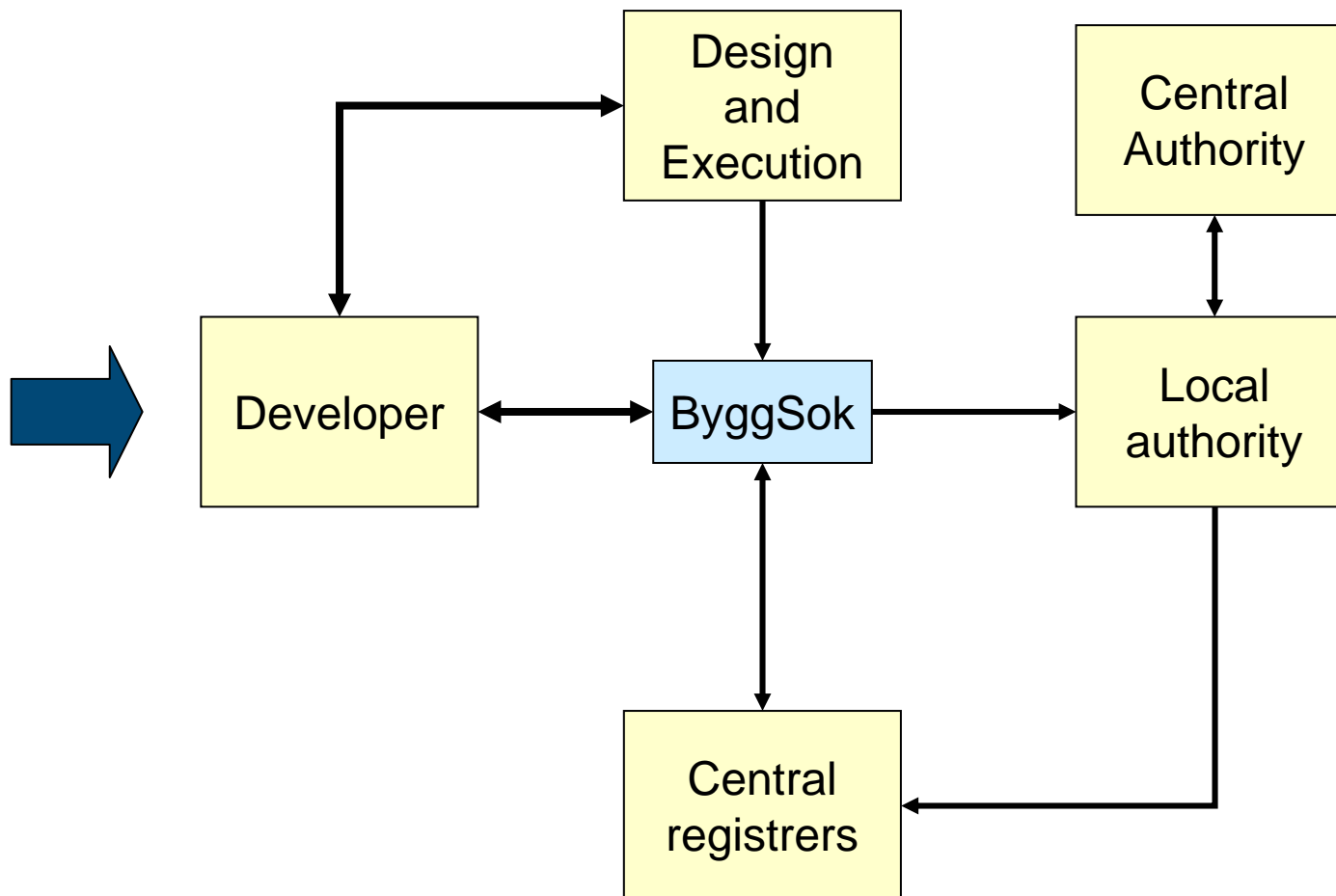
- To provide GIS information through IFC by leveraging developments that have occurred within IAI (for the AEC community) and ISO TC211 (for the GIS community).
- Placing buildings and their services within the context of the local environment
- Building External Works
 - Map positional data
 - Infrastructure (Roads/Services/Adjacent Buildings)
 - Other Data (Demographics/Transport/Risk-Response)

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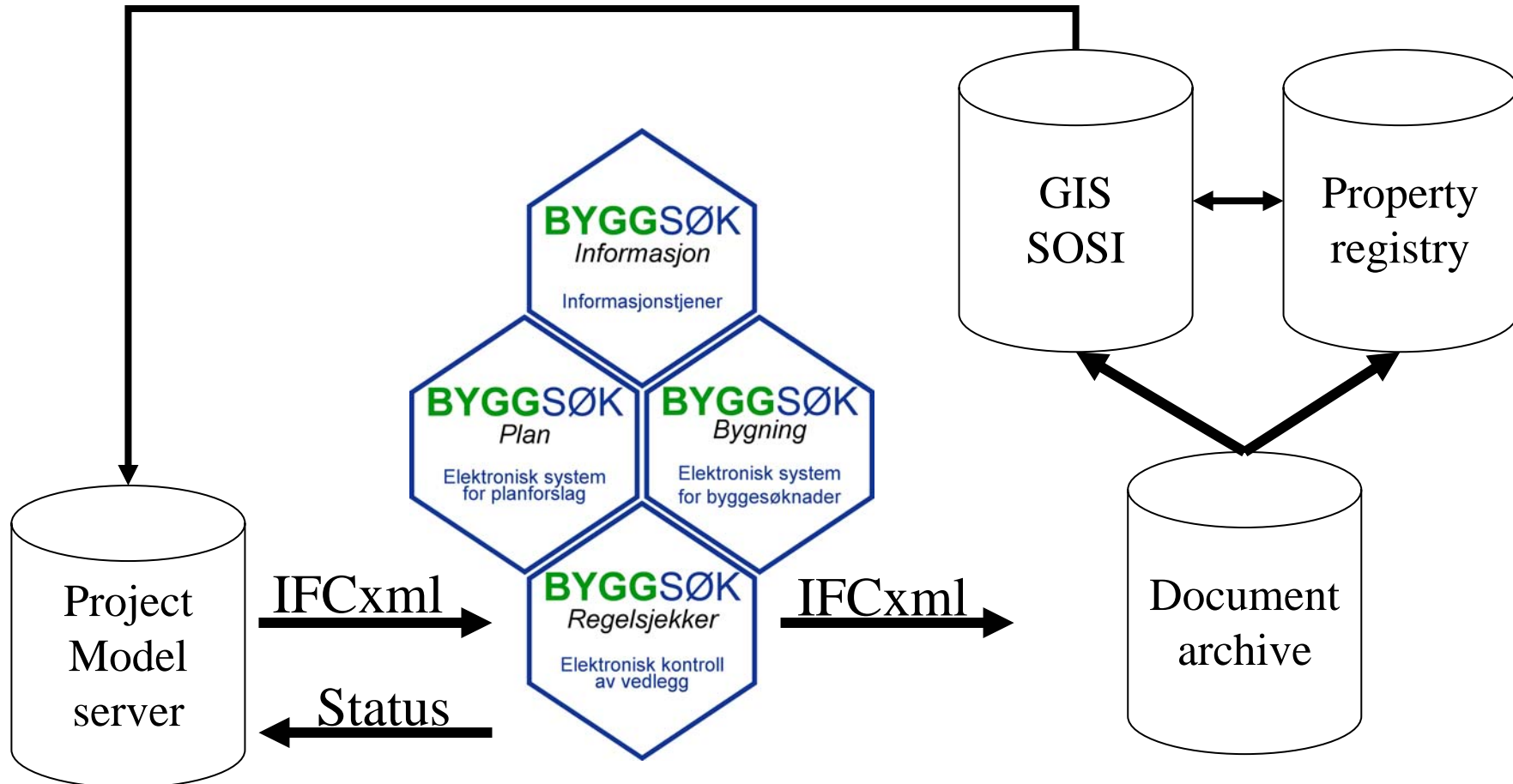


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Data flow



The vision system



The central and local government databases i updated by the applicant

Prosjektinformasjon

<http://www.byggsok.no>