



Challenges in procurement and learning

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Types of requirements

- **Prequalification criteria** (company)
- **Contractual specifications (finished asset):**
 - Technical specifications (concrete quality, etc)
 - Sustainability Assessment Schemes (LEED, BREEAM)
 - Carbon footprint
- **Other contractual specifications**
 - Competence (individuals, company certifications)
 - Project processes, documentation
- **Award criteria** (competence/technical)
- **Bonuses/penalties** (f ex carbon reduction)
- **Design contests, Competitive dialogue, innovation procurement, land allocation**
- **Collaborative models** (Early Contractor Involvement)

Aspects to consider

- **Competition** (number of bidders, bidder competence)
- **Risk premiums**
- **Transaction costs**
 - Tendering
 - Evaluating tenders
 - Following up performance
- **Time**
 - available in project for climate work
 - In relation to contractor business models
- **Sanctions for non-performance**
- **Client competence**
- **Legitimacy** (carbon+collaborative models)

Top
management

Specialists

- Sustainability
- Technical

Purchasing
and legal
support

Project
management

**Complex client
functions**



Industry associations
SALAR
Networks
(IQS, CMB)

Universities
Institutes
Consultancy
firms

National Agency for Public
Procurement, National
Board for Housing, Planning
and Building

Research projects/programs
(Mistra Carbon Exit, Mistra
InfraMaint, ProcSIBE,
InfraSweden, SBE, Viable
Cities)

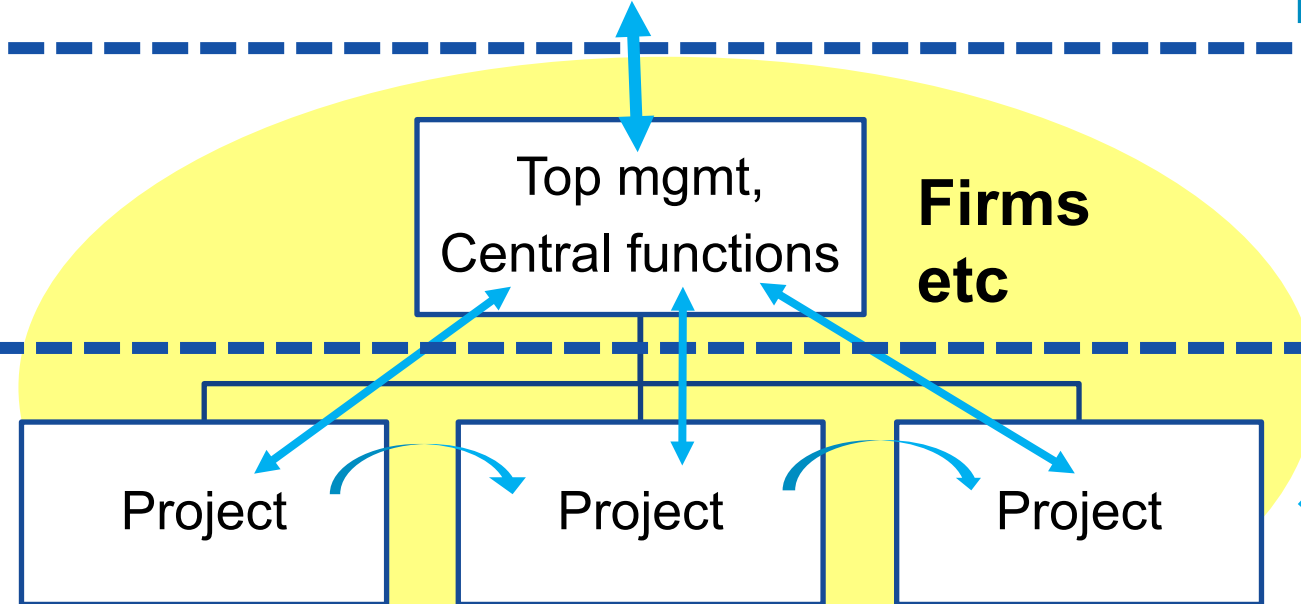
Local platforms
(LFM30, Gbg,
Sthlm, Uppsala
etc)

Miljöbyggnad,
LEED, BREEAM
CityLab

AMA, AB, BSAB,
Regulations
Eurocode, CoClass

Tools, guidelines,
procurement criteria

Industry/sector



Challenge: project-based learning, how combine local commitment with industry level learning?