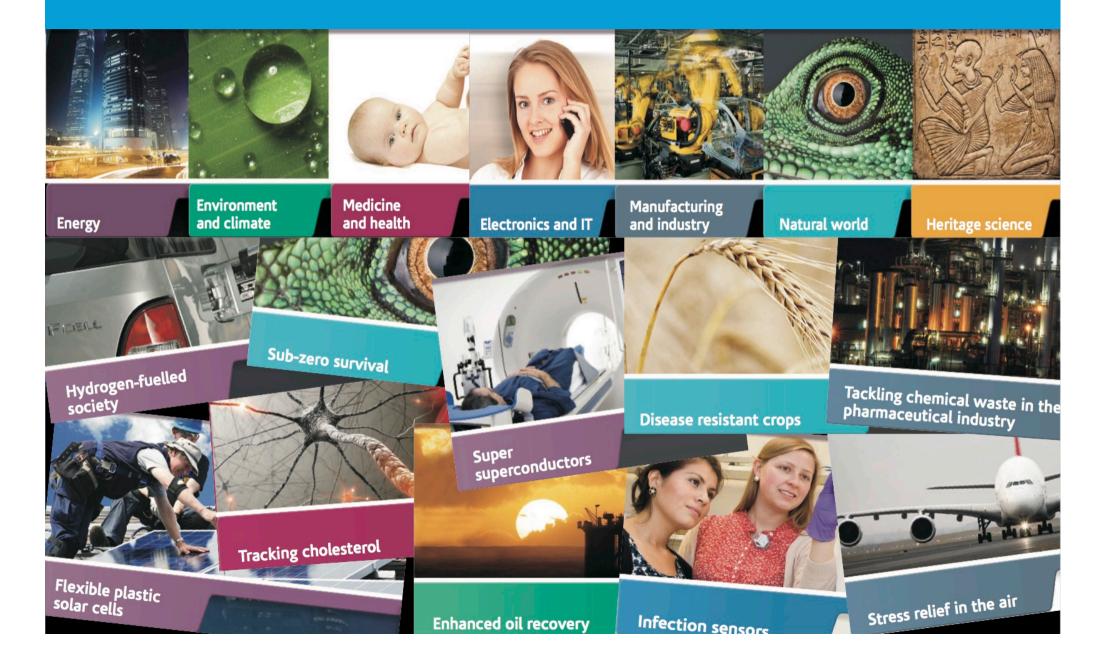


The European Spallation Source

Allen Weeks, Head of Communications, External Relations and In-kind October 2017

Neutron science





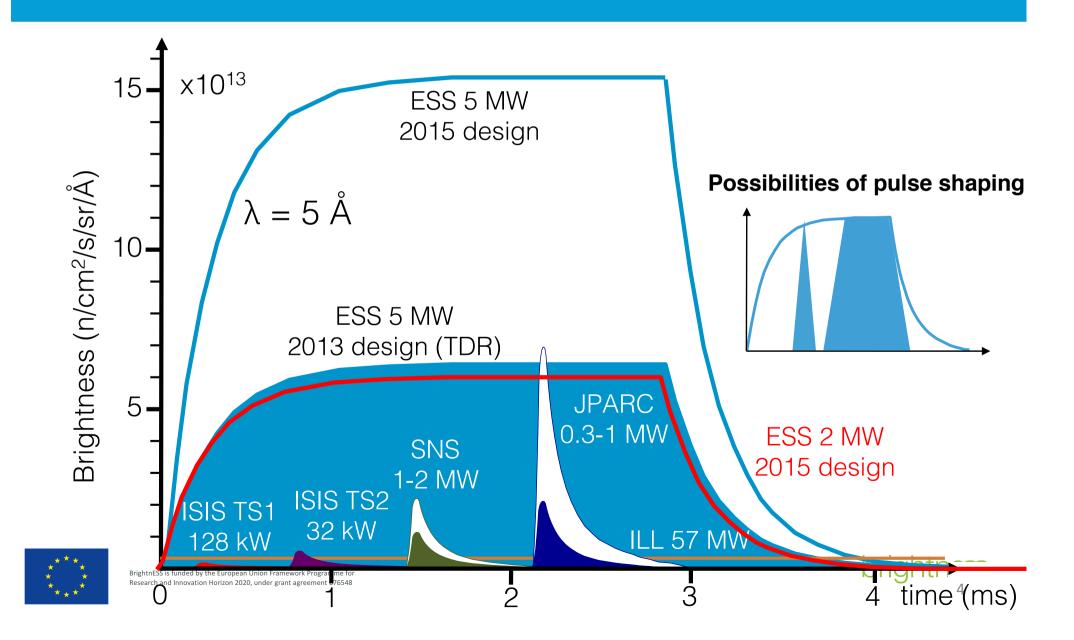
ESS High level design

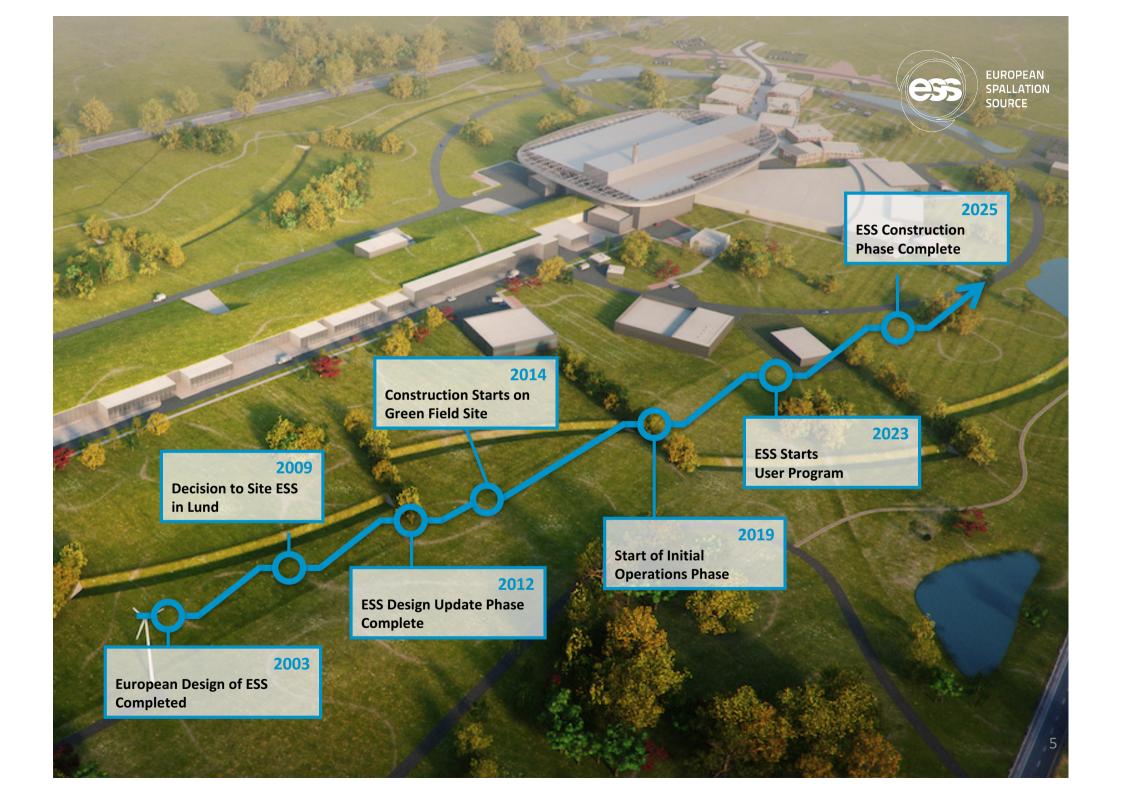




Long-pulse performance

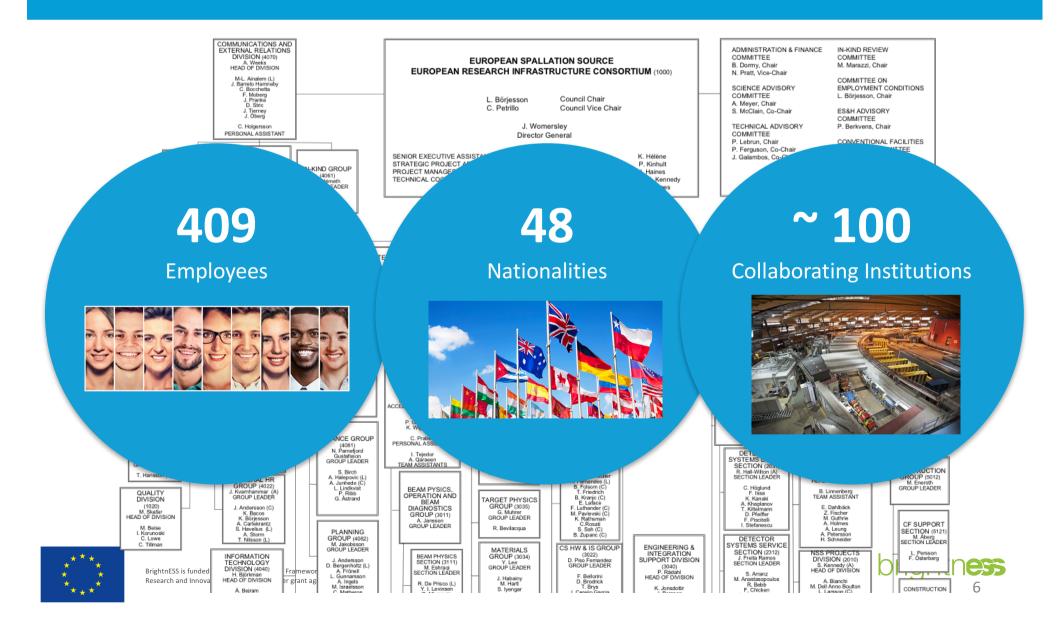






Organisation and People





Financing includes cash and deliverables



The European Spallation Source ERIC established in 2015

Host Countries Sweden and Denmark

Construction 47.5% Cash Investment ~ 97%

Operations 15%

Non Host Member Countries

Construction 52.5% In-kind Deliverables ~ 70%

Operations 85%

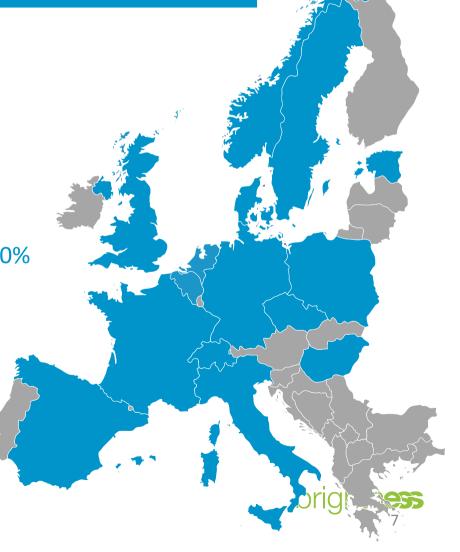
15 European Member and Observer Countries





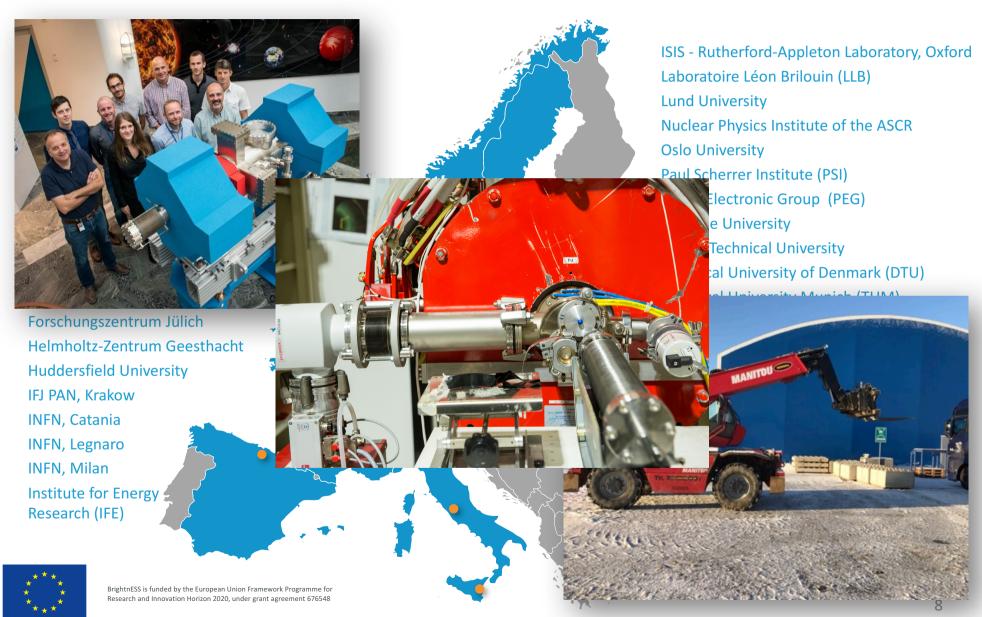






ESS In-kind Partners

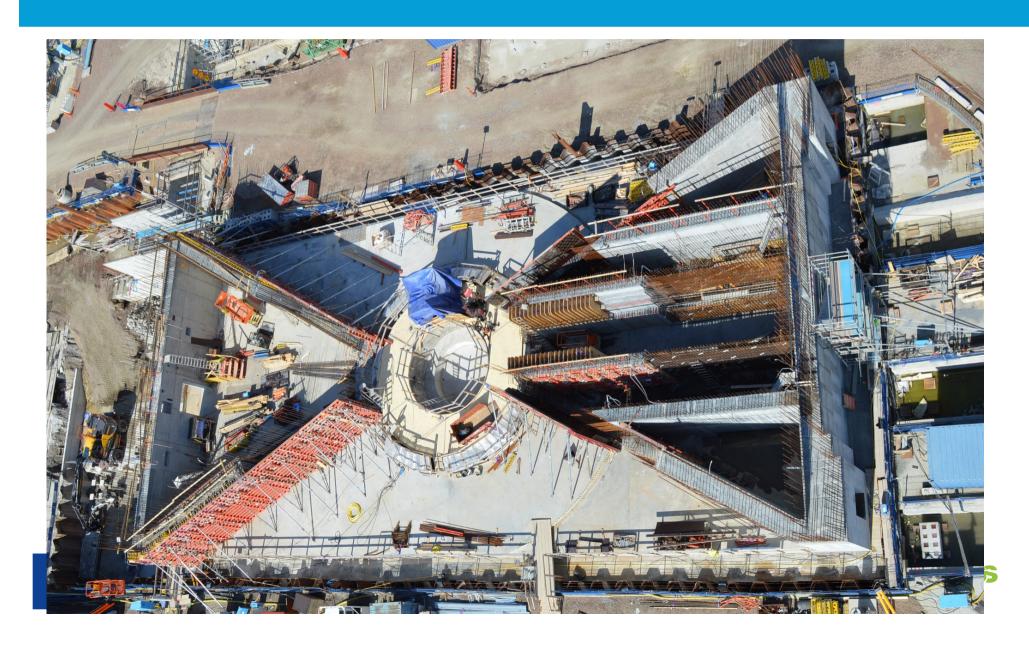






Monolith, August 2017

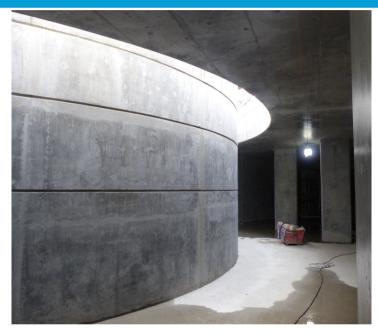




Monolith











Active Cells





Active Cells











E-buildings, August 2017

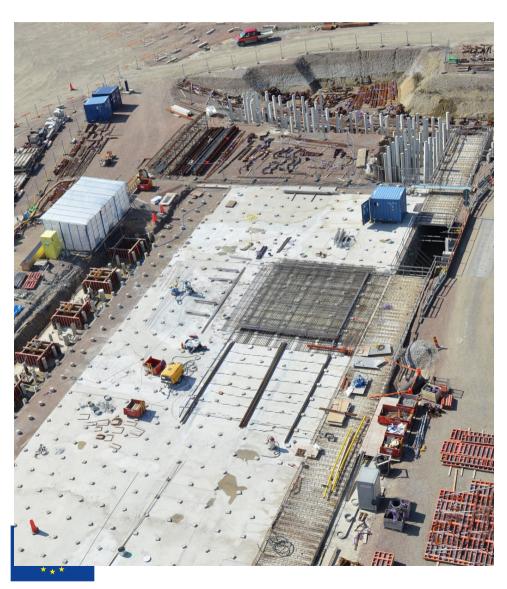






D01, base slab for Exp. Hall 1





D01 First bottom slab casting 12 September 2017



Buildings





Green Roof, G02





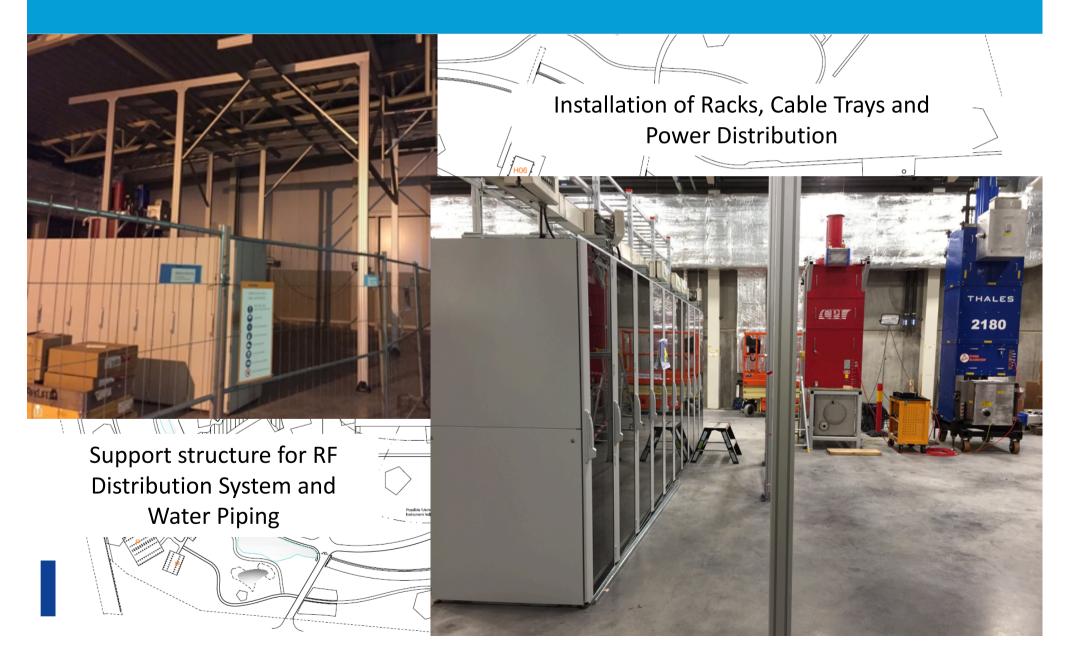






Progress on RF Test Stand 2 in G02





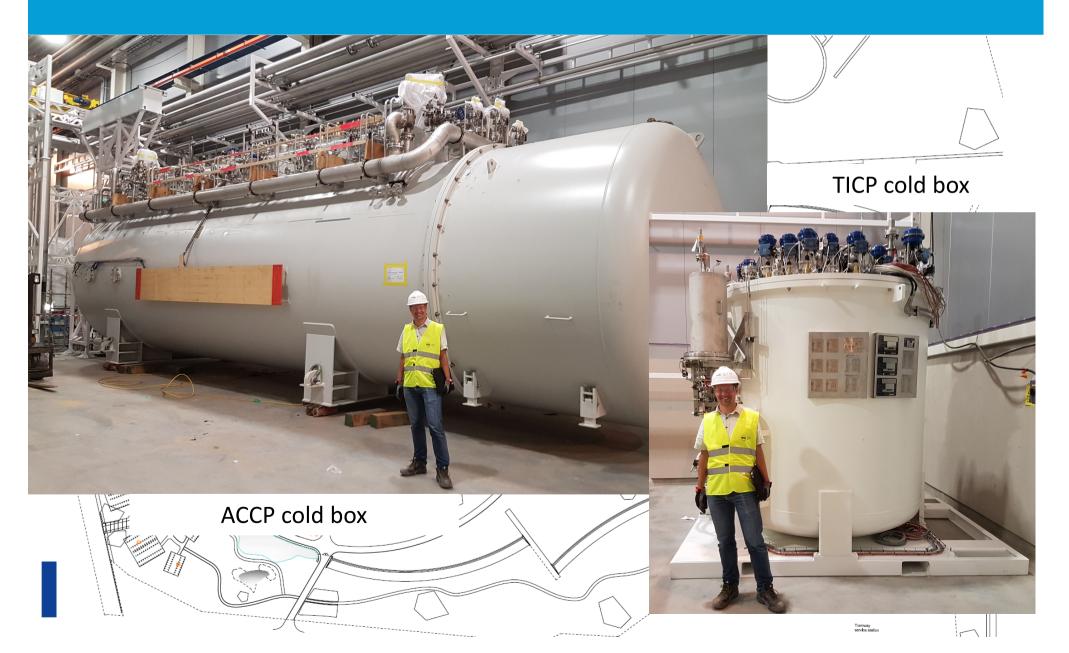
Helium Systems in G04





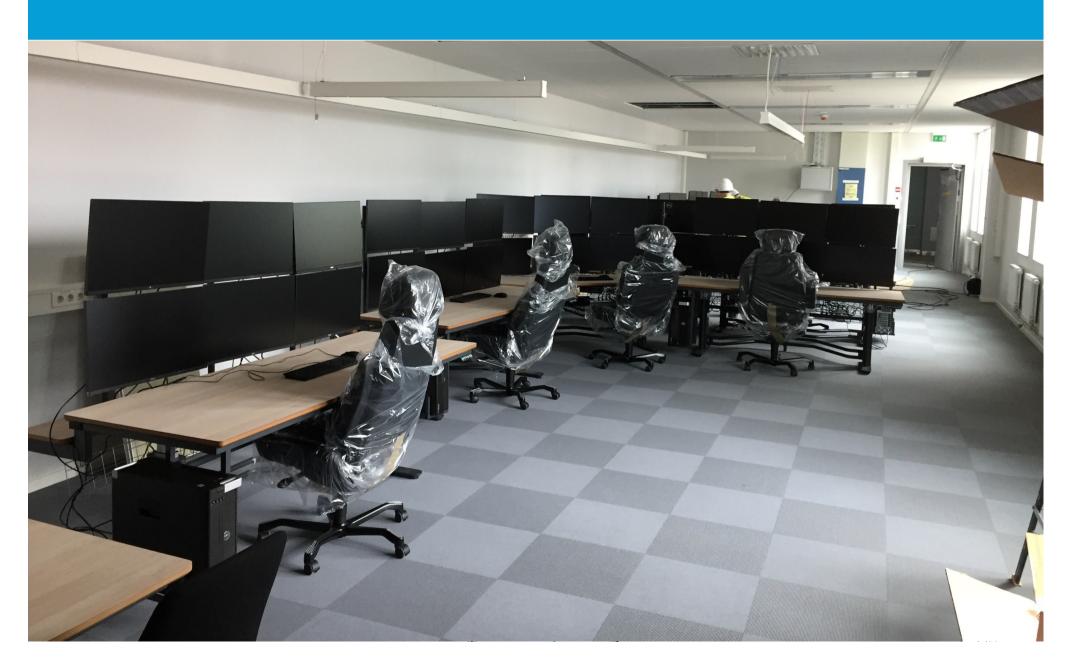
Cold Boxes in G02











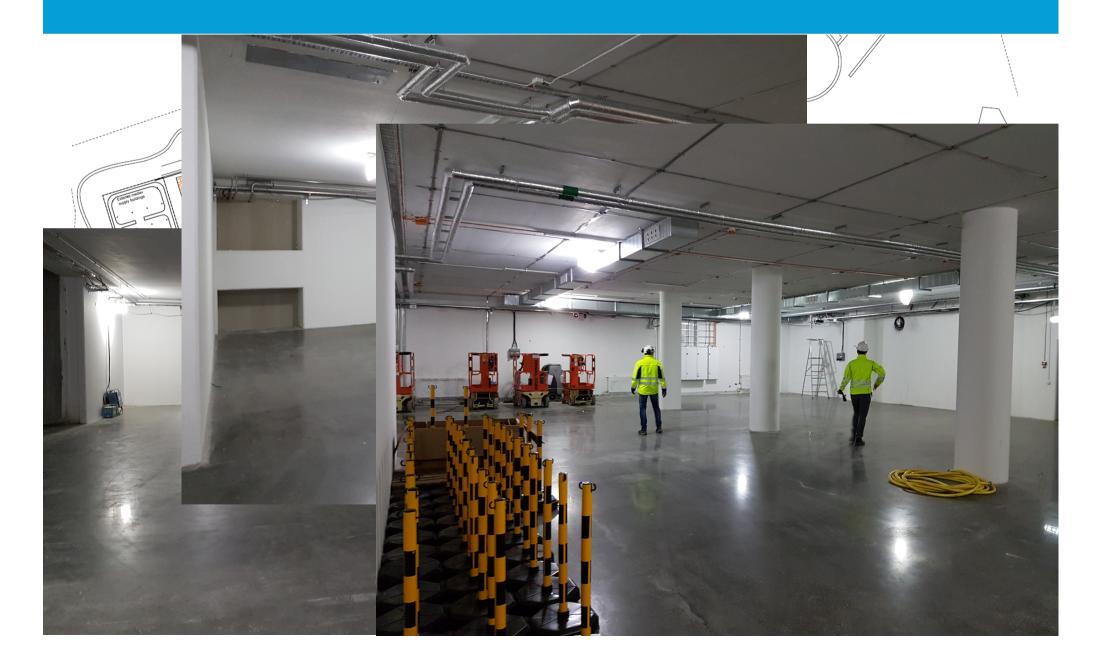
Embedments in Active Cell





Important next step: Ion Source and LEBT





Innovation@ESS



"Policy makers and funders increasingly expect to see economic benefits as well as scientific outputs resulting from R&D investments. RIs that demonstrate an actual or potential contribution to the wider innovation ecosystem are therefore more likely to be successful in arguing their cases for sustainable funding."

- Strengthening The Sustainability And Effectiveness
Of International Research Infrastructures
OECD Draft Report, 2017



History



- No resources allocated in Construction Budget
- BrightnESS in 2015 provided resources
 - ILO Support
 - Innovation Procurement (Pre-competitive procurement)
 - Innovation Policy and Strategy
- Innovation Policy Draft in August 2016
- Approval August 2017
- Here we are today next step: Strategy formulation





Thanks to Everyone for Coming Today



We appreciate your contributions!

