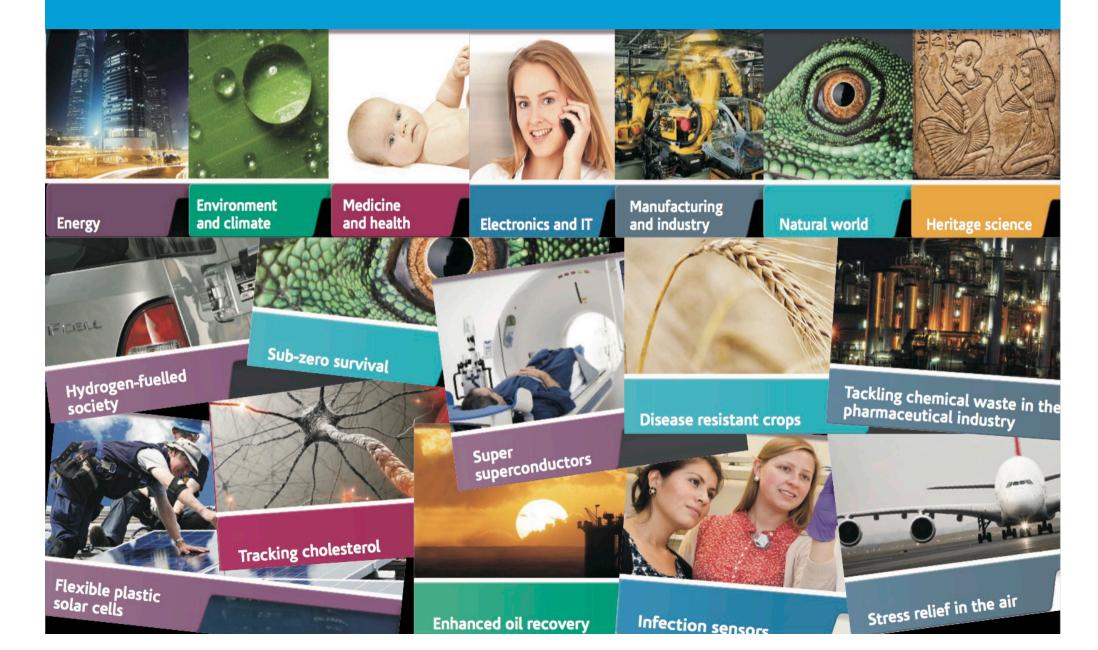


## **The European Spallation Source**

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

#### **Neutron science**





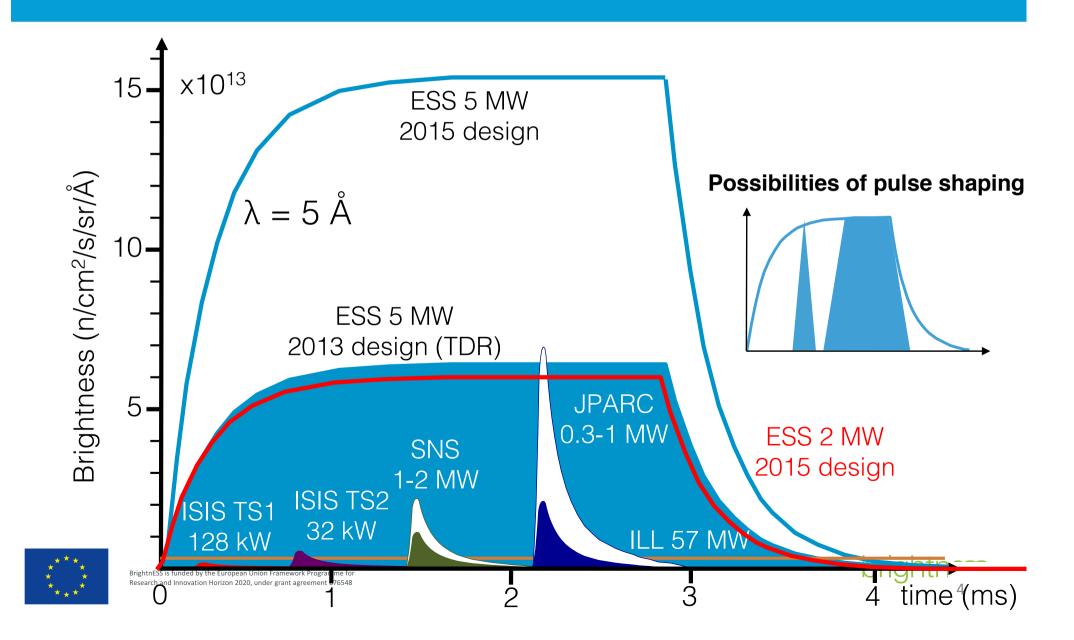
#### ESS High level design

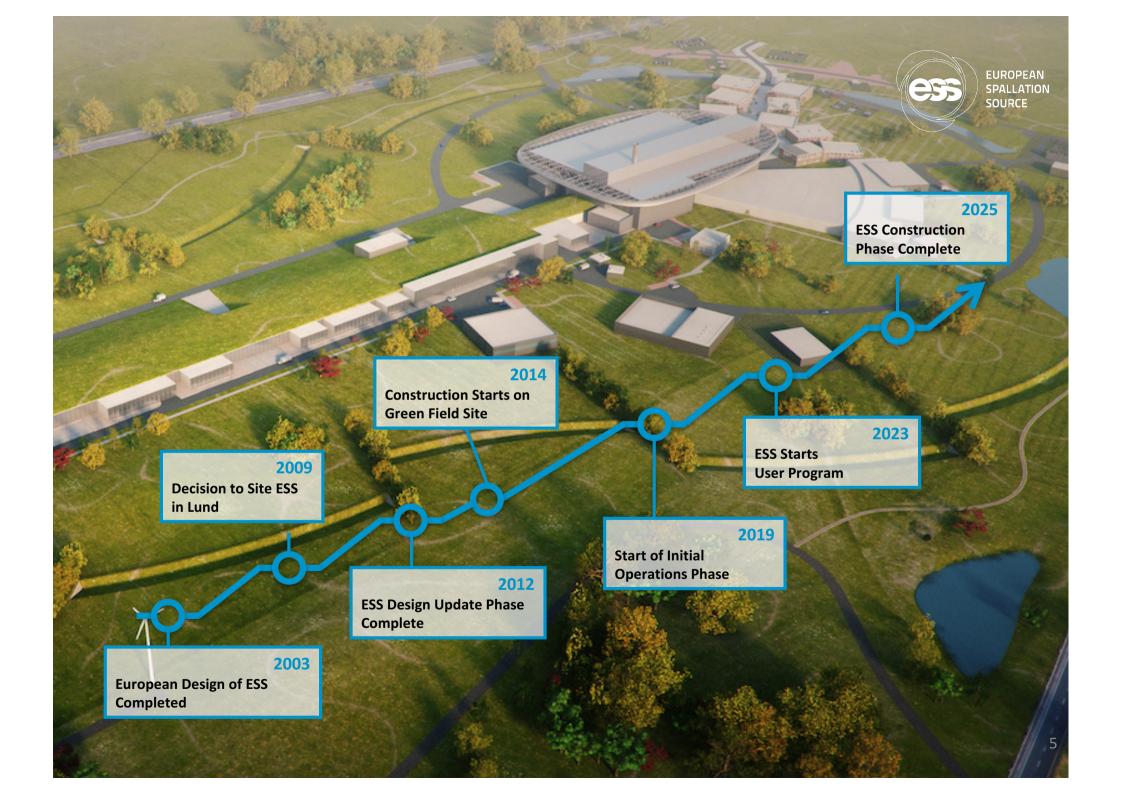




## Long-pulse performance

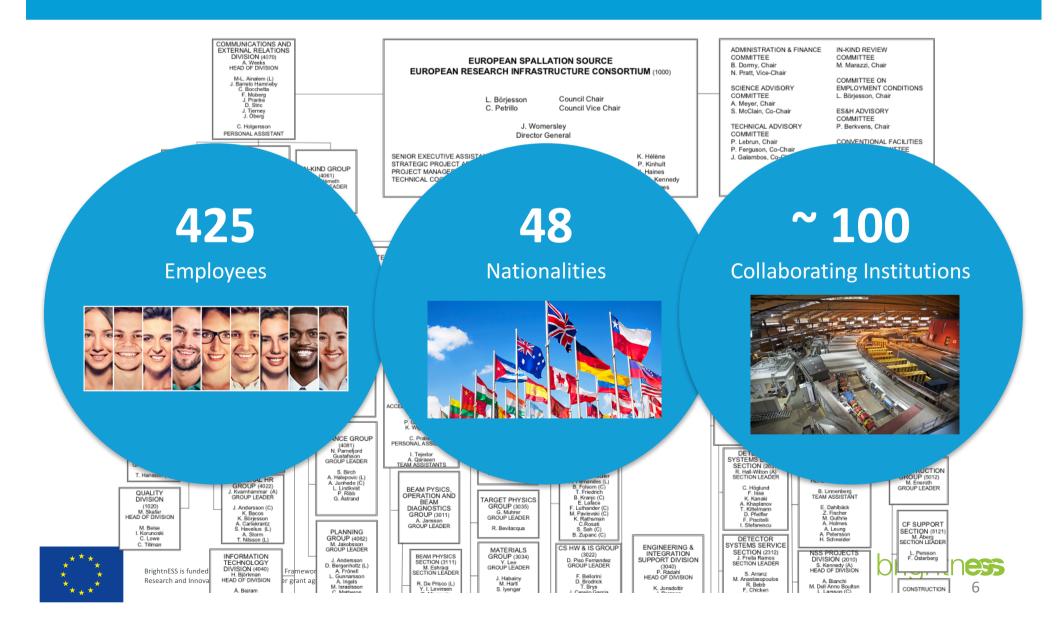






#### Organisation and People





#### 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%

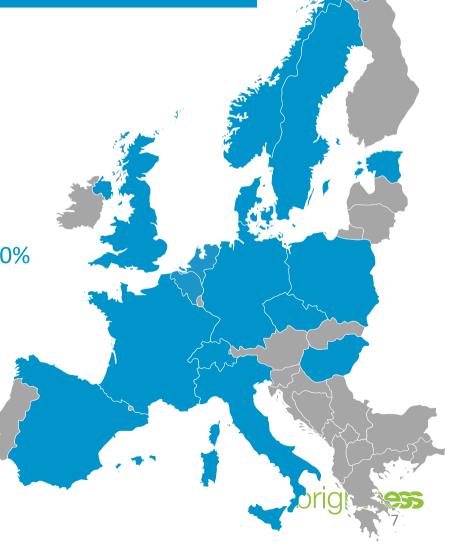
#### **15 European Member and Observer Countries**





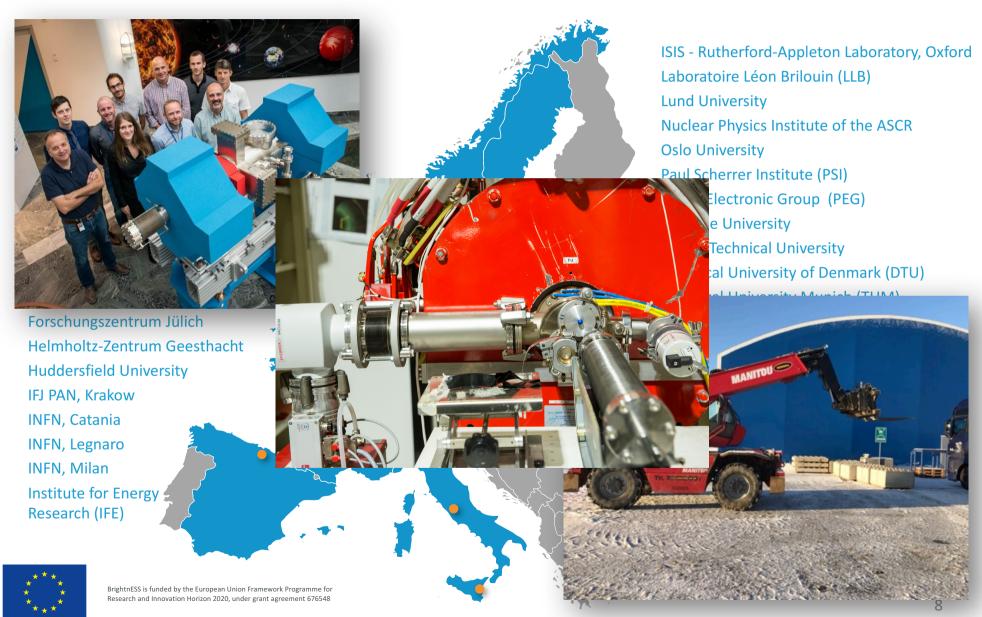






#### **ESS In-kind Partners**

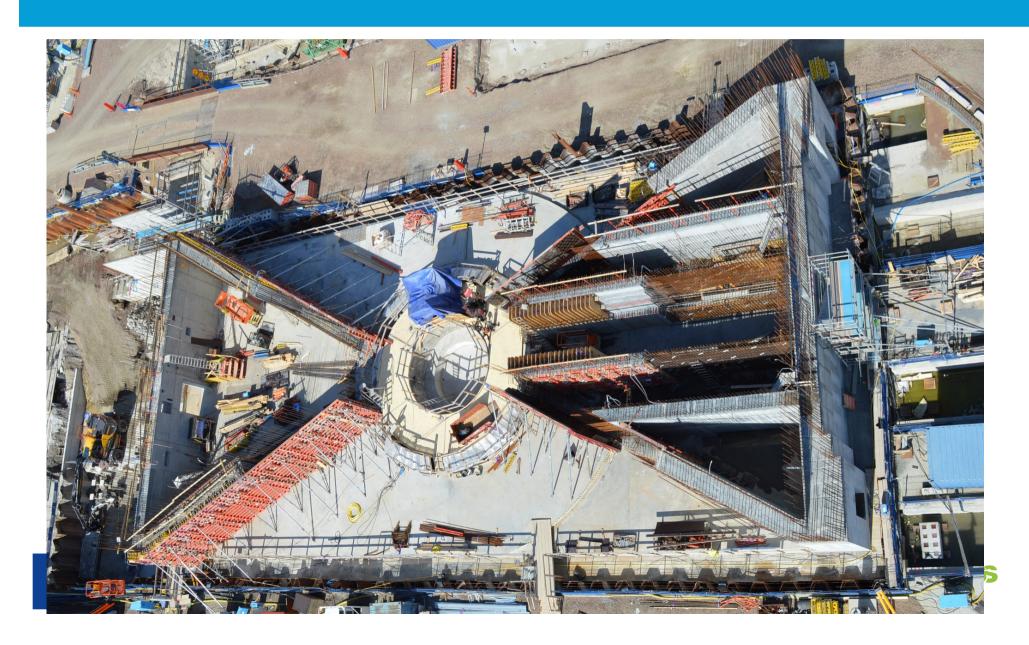






#### Monolith, August 2017

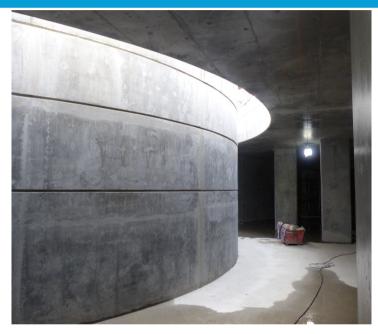




#### Monolith











#### **Active Cells**





#### **Active Cells**











## E-buildings, August 2017

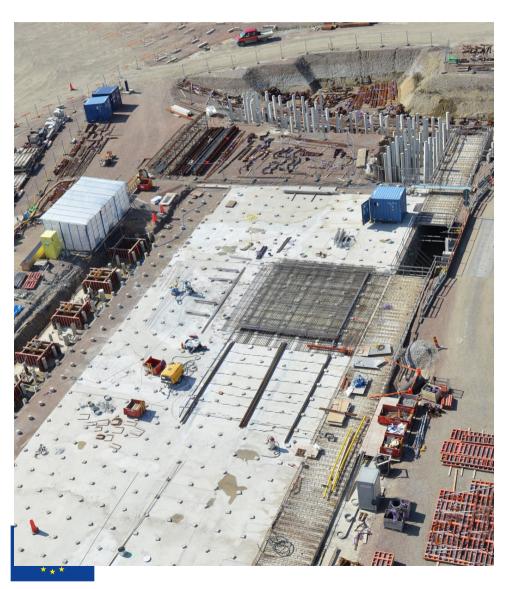






#### D01, base slab for Exp. Hall 1





## D01 First bottom slab casting 12 September 2017



## Buildings





## Green Roof, G02





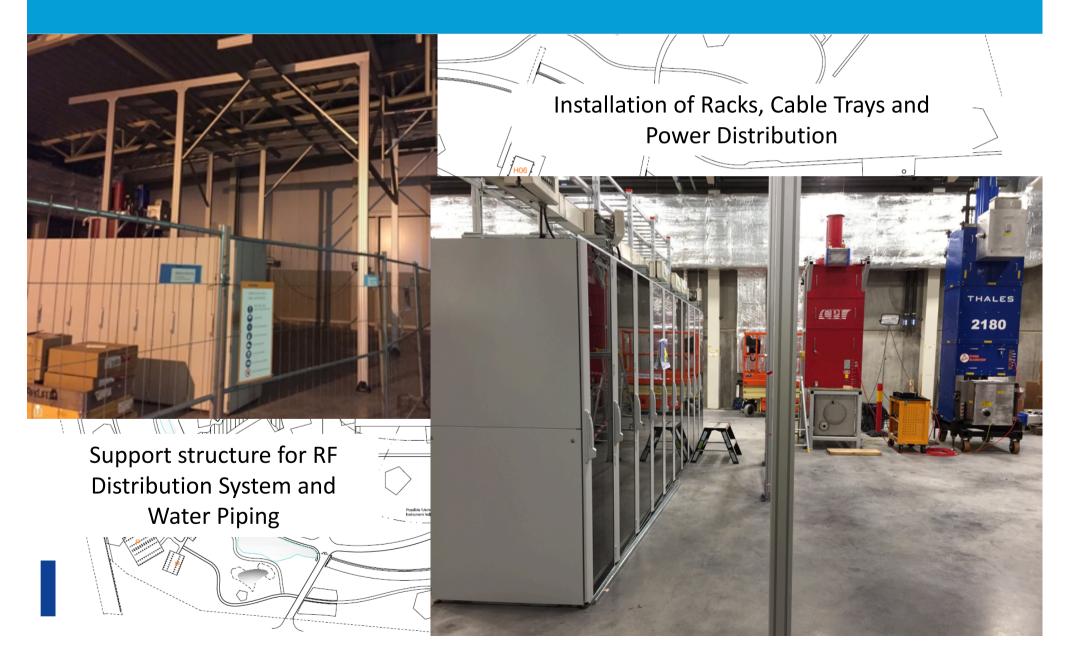






# Progress on RF Test Stand 2 in G02





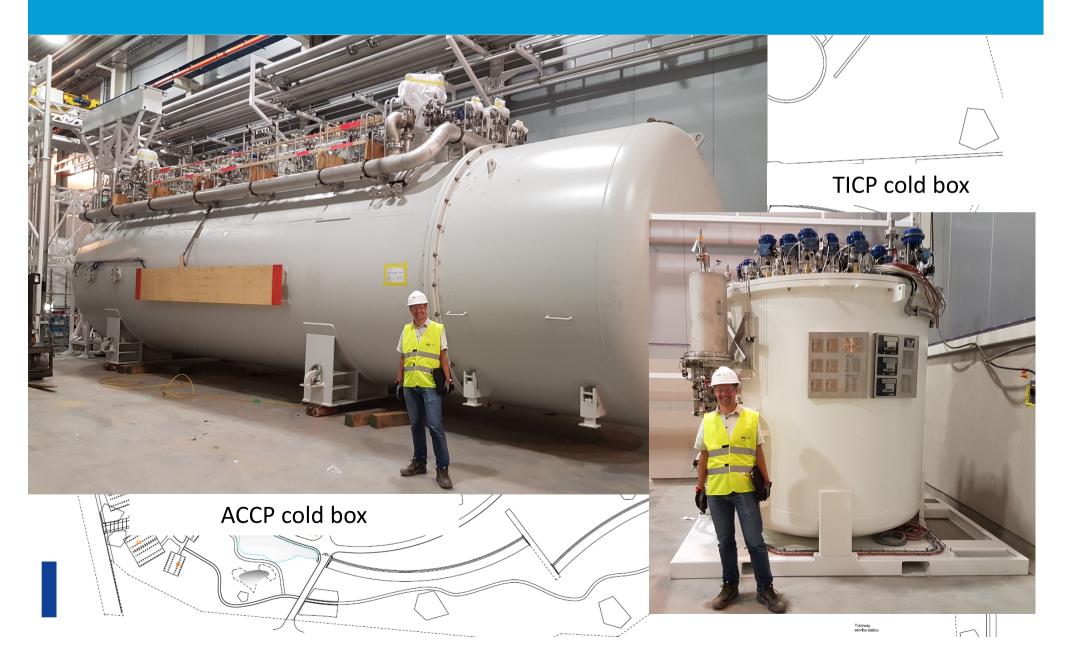
#### Helium Systems in G04





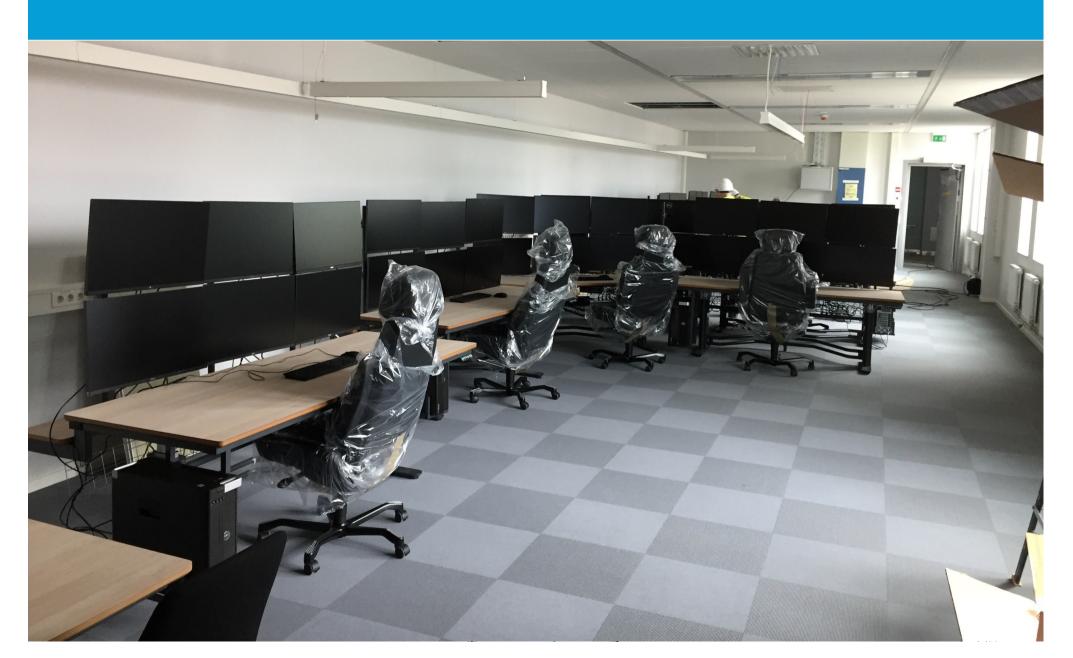
#### Cold Boxes in G02











#### **Embedments in Active Cell**





## Important next step: Ion Source and LEBT



