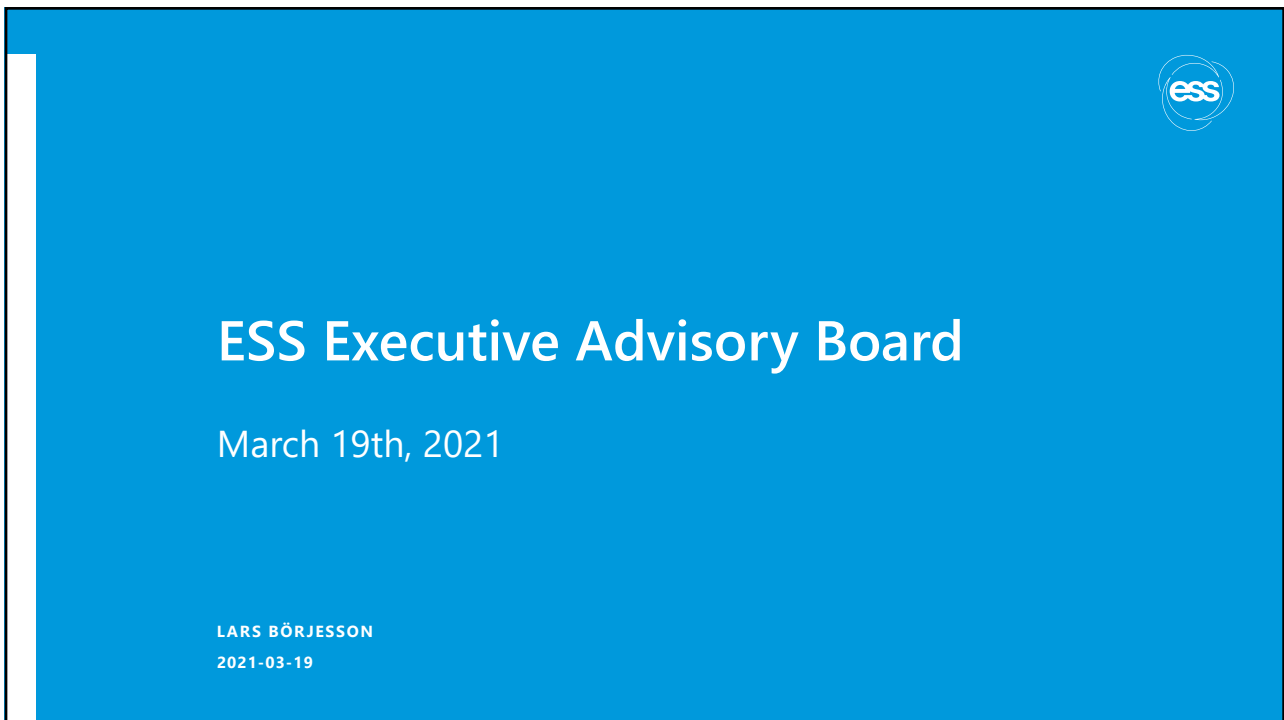




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# Håkan Björklund

## New EAB member



Born in 1956

PH.D. in Neuroscience from KI

Regional Director AstraZeneca

CEO Nycomed 1999-2011

Chair Lundbeck 2013-2017

Chairman Trimb Healthcare 2015-2019

Chairman Sobi 2016-

Board member/chair Bone Support 2016-

Experience from life science companies:  
former board member in Atos Medical,  
Biovitrum and Coloplast



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# Agenda



1. **General update**
2. Comments on VR/Vinnovas implementation plan for ESS
3. Innovation Day at ABB: how to maximise the output?
4. Next step – can we use the Innovation Day concept in the Nordics?
5. End – next meeting


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Kevin Jones


Acting Director General



Extensive experience in the scientific and technical management of large-scale research facilities,

- Spallation Neutron Source at Oak Ridge National Laboratory
- Accelerator Operations and Technology at Los Alamos National Laboratory
- Expert advisor on numerous facility and advisory committees for national and international research infrastructures.

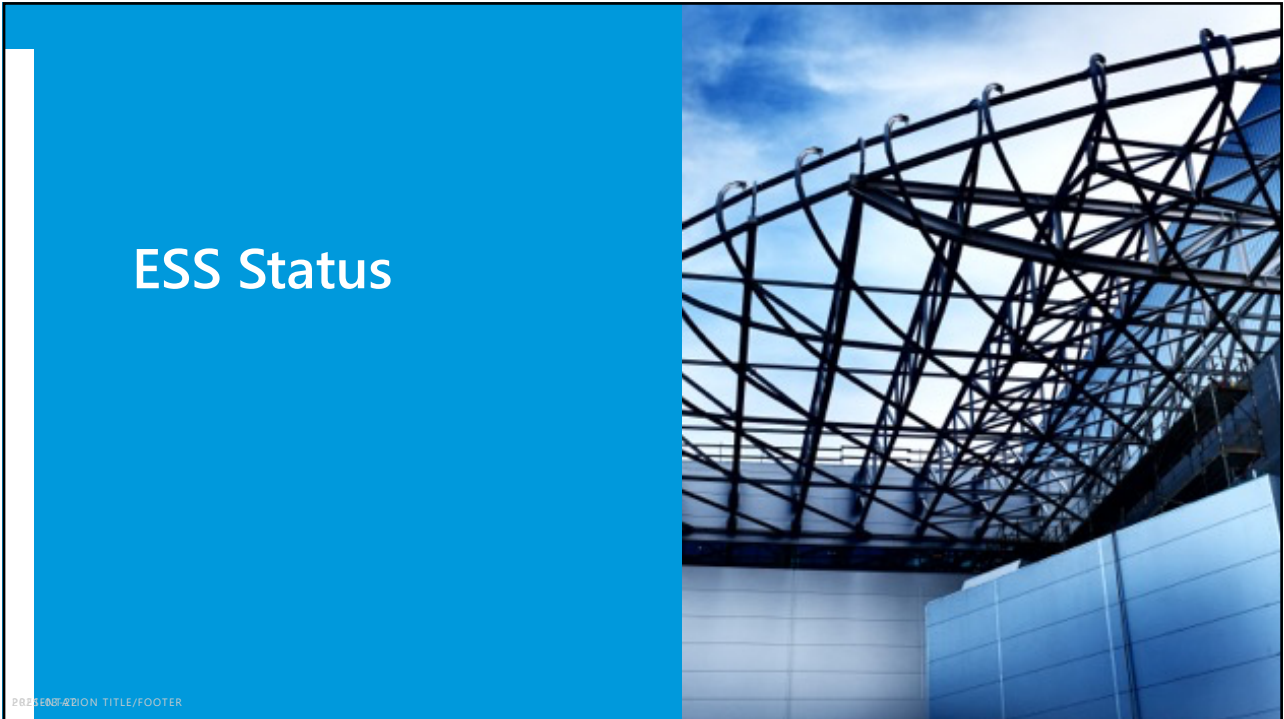
The recruitment process for the new Director General is on-going



2021-03-22 PRESENTATION TITLE/ FOOTER

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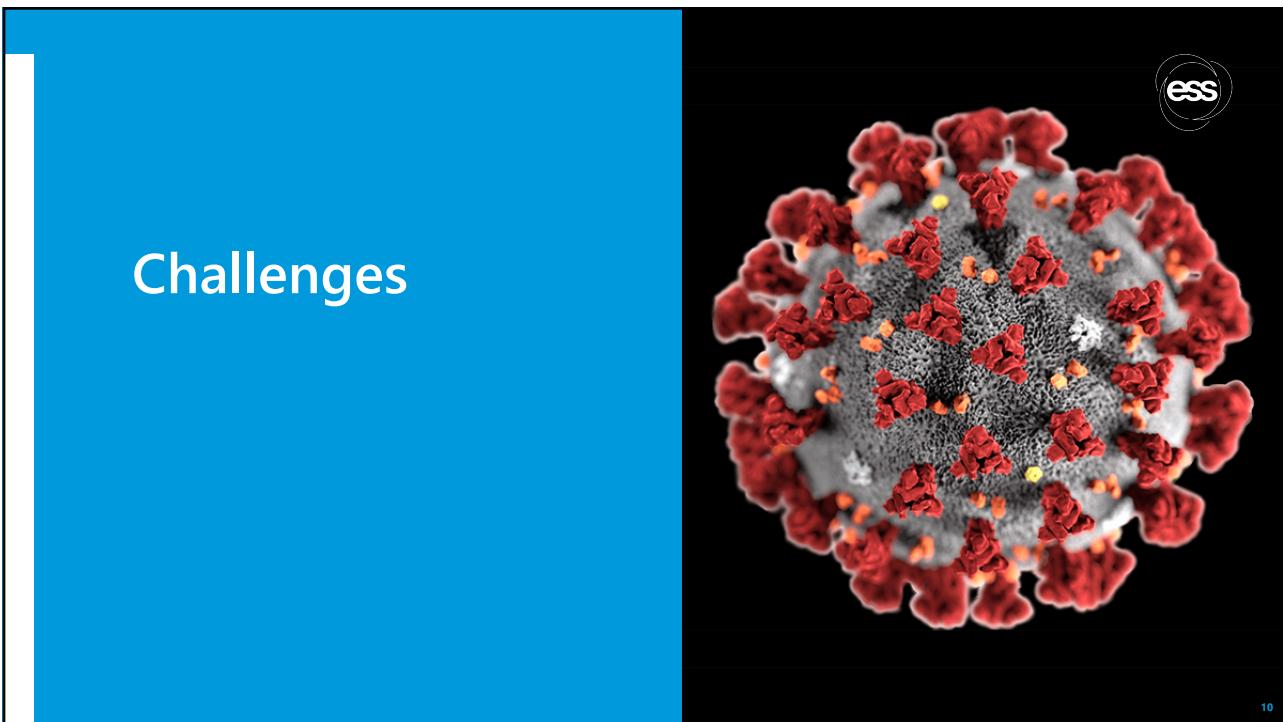
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## Current Challenges



- COVID- 19 effects
  - On-site
  - Suppliers of equipment and services
- Complexity of In-kind contributions
- Never built before
  
- Delays and cost increases



2021-03-22 PRESENTATION TITLE/FOOTER

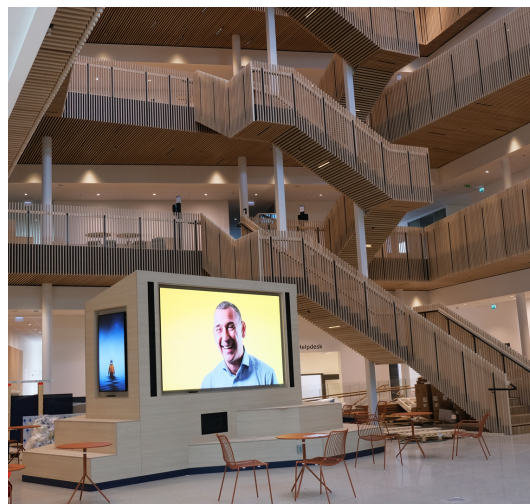
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## Actions taken



- Develop 3-4 scenarios for path forward
- Full re-baselining and review autumn 2021
- Hiring freeze, stopped calls on Contingency
- Reduction in consultants (100 end 2021)
- Savings and deferrals
- Investigate sell lease back
- Drafted organisation restructure
  - Management & Administration, Infrastructure & Support, Technical Project, Science



2021-03-22 PROJECT STATUS REPORT\_2020/02

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## Current estimate of the overall effects



- Current cost increases 5-6 % of total
- Delays of 5-10 months deliveries
- Total delays investigated in rebaseline



2021-03-22 PRESENTATION TITLE/FOOTER

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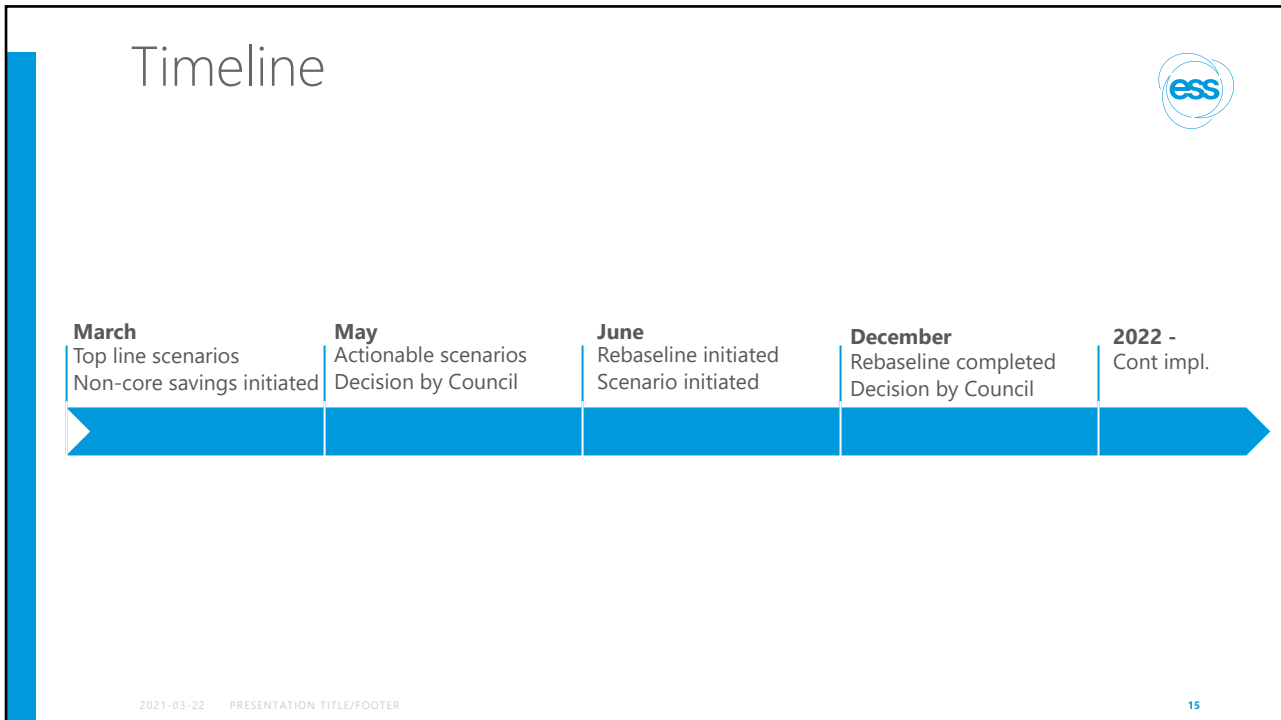
## Conclusions



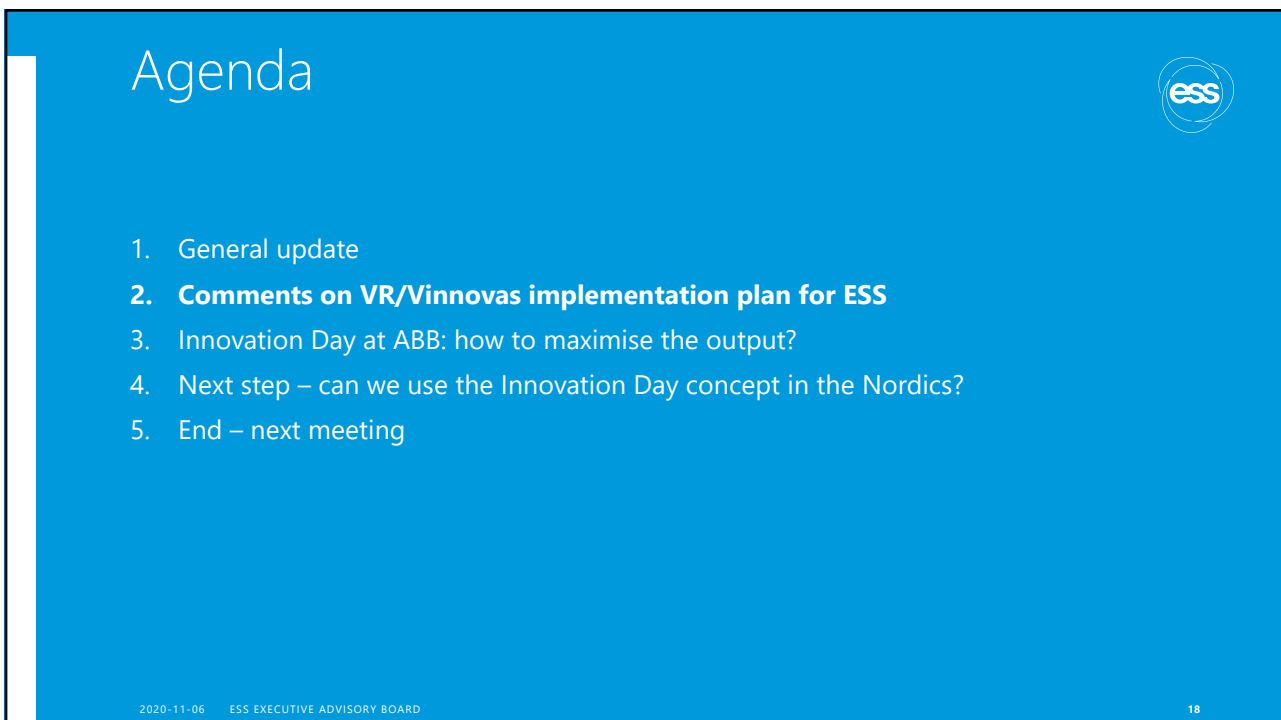
- Scenario planning conclude best way forward is to recognize the full effect of Covid-19 on the project
- Proactive measures to mitigate challenges on budget envelope
- In-Kind resources to support the installation, test and commissioning
- Develop case for capital injection from the Member countries to finish the construction project in a reasonable time



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# Nationell implementeringsplan för att främja svenskt användande av ESS och MAX IV

Regeringsuppdrag till ESS/MAXIV-kansliet: en sammanfattning

PRESENTED BY PIA KINHULT  
2021-03-19

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## Vision implementeringsplanen



År 2028 är ESS och MAX IV hörnstenar i ett  
världsledande center för life science och  
materialvetenskap

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## Tre huvudmål för att nå visionen



1. Sverige har goda finansiella och strukturella förutsättningar för att tillvarata potentialen i ESS och MAX IV.
2. Sverige har hög kunskap och bred kompetens för utveckling och användning av ESS och MAX IV.
3. ESS och MAX IV stärker Sverige som kunskaps- och innovationsland.



## Regeringens strategi har 7 målsättningar



1. Hög ESS/MAX IV-relevant kunskap och delaktiga svenska forskare
2. Samordning så att svenska insatser förstärker och kompletterar varandra
3. Mötesplats för samarbeten, forskning och innovation som gynnar Sverige
4. Svenska företag ska nyttja miljön som kvalificerade leverantörer och partners
5. ESS och MAX IV bidrar till ökar intresse för naturvetenskap/teknik
6. ESS och MAX IV stärker Sverige som ledande kunskapsnation
7. Ta tillvara på erfarenheterna av att planera, konstruera och driva ESS

## ESS/MAX IV-kansliet



Regeringen har gett Vinnova och Vetenskapsrådet i uppdrag att genom ESS/MAX IV-kansliet samordna nationella insatser kopplade till ESS och MAX IV

Kansliet har tre uppgifter som syftar till att underlätta och stimulera den nationella implementeringsprocessen:

1. Samordna nationella insatser för att främja användning och nytta av ESS och MAX IV.
2. Tillsammans med regeringen ta ledande roll i värdskapet för ESS.
3. Stimulera svenska in kind-bidrag till ESS.



Hur utformar vi bäst modeller för ESS och MAX IV kunskapsöverföring till näringslivet och samhället?


## Agenda



1. General update
2. Comments on VR/Vinnovas implementation plan for ESS
- 3. Innovation Day at ABB: how to maximise the output?**
4. Next step – can we use the Innovation Day concept in the Nordics?
5. End – next meeting

# Transfer science to industrial value

## How do we achieve this quicker in a rapidly developing world



**10:30 Welcome and registration**

**11:00 Introduction and purpose of day**  
Mikael D (ABB host) & Lars B (Chairman EAB)  
Dialogue between Mikael and Lars on challenges in transferring science to industrial value

**11:15 Introduction ESS**  
ESS Director General  
What ESS is. How industry and RI connect and collaborate. How we create the next generation collaboration.

**12:00 Lunch**

**13:00 Block 1**  
A. Circulating the material world **Lead: Daniel Söderberg (tbc)**  
B. Transforming and storing energy **Lead: Kristina Edström (tbc)**  
Each section: Presentation by one of the invited CTO(10 min)  
Dialogue between 4-5 experts on stage (15min).  
Facilitator led discussion in room (20min)

**14:30 Coffee**

**15:00 Block 2**  
A. Reaching warp speed data processing **Lead: Jonathan Taylor (tbc)**  
B. Expanding life sciences **Lead: Lise Arleth (tbc)**  
Each section: Presentation by one of the invited CTO (10 min)  
Dialogue between 4-5 experts on stage (15 min).  
Facilitator led discussion in room (20 min)

**16:30 Recap findings & next steps**  
Facilitated by Johan S, ABB/Hitachi  
Focus on maximizing the value through collaboration

**17:00 End**

**19:00 Dinner?**

**New date: Sept 9th or 21st?**

2021-03-19 REV9 ESS EXECUTIVE ADVISORY BOARD

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# Participants

## As proposed by EAB members and organisers



Siemens and Maersk ??	Jim Snabe, Chair	??	Arne Karlsson
Astra Zeneca	Leif Johansson, Chair	4. Life Science	Arne Karlsson
AB Volvo	Lars Stenqvist	1. Circulating 2. Energy	Arne Karlsson (?) Lars B
Vestas	Anders Nielsen, CTO	2. Energy	Bert Nordberg
Axis Communications	Johan Paulsson, CTO	3. Data Processing	Bert Nordberg
Chalmers	Yasmine Sassa	2. Energy	Lars Börjesson
Battery 2030 and UU	Kristina Edström	2. Energy Lead	Lars Börjesson
CEVT	Mats Fägerhag, VD	1. Circulating	Lena Olving
Kockums ??	Cecilia Larsson, CTO	2. Energy	Lena Olving
Powercell	Thomas Tingelöf, CTO	2. Energy	Lena Olving ??
Tetra Pak	Eva Gustavsson	4. Life Science 1. circulating	Martin
ESS	Jonathan Taylor	3. Data Processing Lead	Martin
Sandvik	Pasi Kangas	1. Circulating	Mikael
SKF	Victoria van Camp	1. Circulating	Mikael
Stora Enso	Teemu Salmi / Mikael Hannus	1. Circulating	Mikael
Scania	Tony Sandberg	1. Circulating 2. Energy	Mikael
GKN	Henrik Runnemalm	1. Circulating 2. Energy	Mikael
Northvolt	Miljöchef, Emma Nerenheim	2. Energy	Mikael
ABB/Hitachi Powergrids	Alireza Nami	2. Energy	Mikael
NKT	Thomas Lijenberg, mtrl.forskning	2. Energy	Mikael
Ericsson	FoU Magnus Frodigh	3. Data Processing	Mikael
Wasp	Sara Mazur	3. Data Processing	Mikael
LU	Jan-Eric Ståhl	1. Circulating	Pia
Treearch/KTH	Daniel Söderberg	1. Circulating Lead	Pia
Astra Zeneca	Anna Sandström	4. Life Science	Pia
CR Competence	Anna Stenstam	4. Life Science	Pia
Chalmers	Fredrik Höök / Anders Carlén UU	4. Life Science	Pia
KU/ESS/MAX IV	Lise Arleth	4. Life Science Lead	Pia
Höganäs	Andreas Jahnke President Product Area Electro & Mechanical Technologies	1. Circulating	Pia kollar
Bert Nordberg			
Lena Olving			
Lars Börjesson			
Arne Karlsson			
ABB/Hitachi Powergrids	Johan Söderström		
	Björn Savén		
Håkan Björklund			

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## Next steps



1. Decide on date (s) (EAB and Organisers)
2. Divide the list and send out invitations to EAB members
3. Book venue and venue setup (ABB) – Done
4. Divide the list and send out invitations to EAB members
5. Set meeting schedule work group (ESS)

How do we maximise the output?

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## Agenda



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5. End – next meeting

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## Innovation Day – next step?

Can we expand the concept for use in other countries?



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4. Next step – can we use the Innovation Day concept in the Nordics?
5. **End – next meeting**

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## Next meeting

August 18th (Wednesday)



Starting with lunch in the new ESS Campus

Tour of the facility

GD presentation of project status

EAB Dinner in Lund



**EUROPEAN  
SPALLATION  
SOURCE**