Paris Session 2022



Grid Forming Converters – a solution to future grid

B4: DC systems and Power Electronics PS1: Grid Forming Applications Q S.1 Iftekharul Huq, Germany Sebastian Schneider, Germany



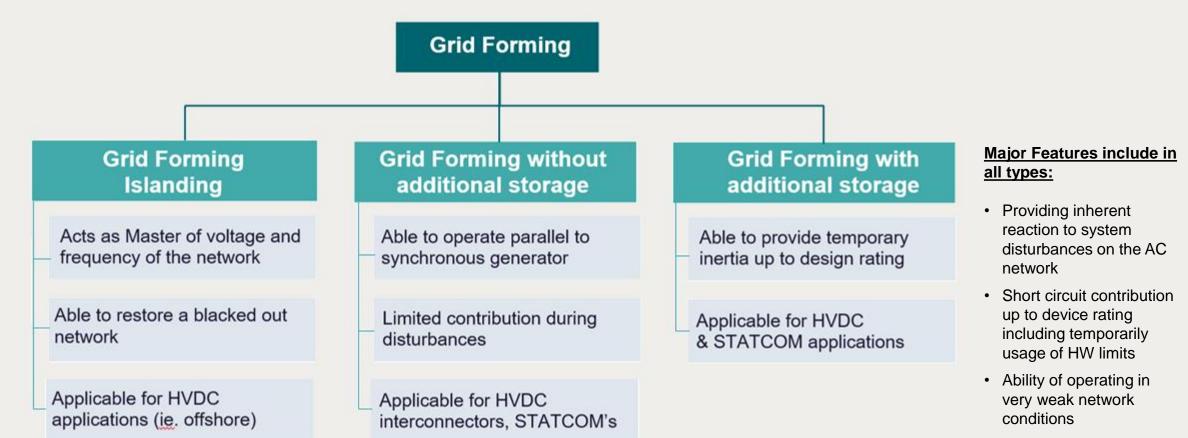
Group Discussion Meeting

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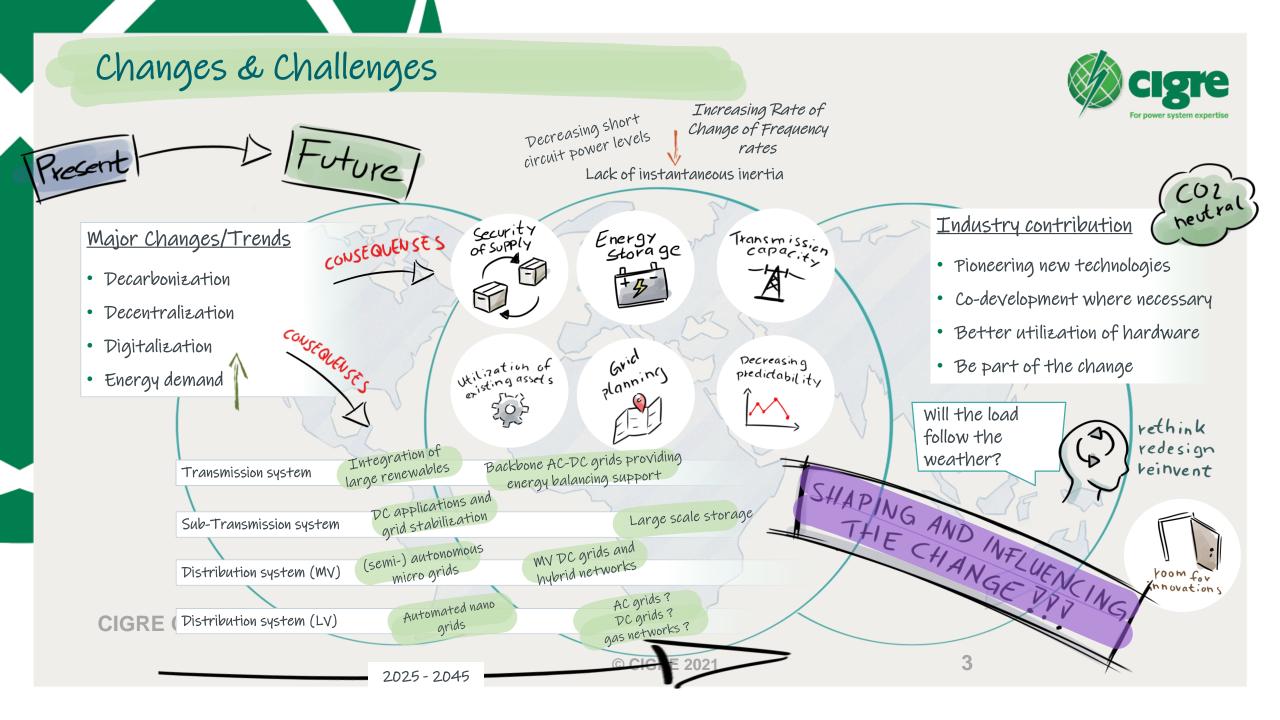
Requirements & application driven definitions





Technically Feasible Ramp Rate and Response time could be generalized

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Experiences in Grid Forming



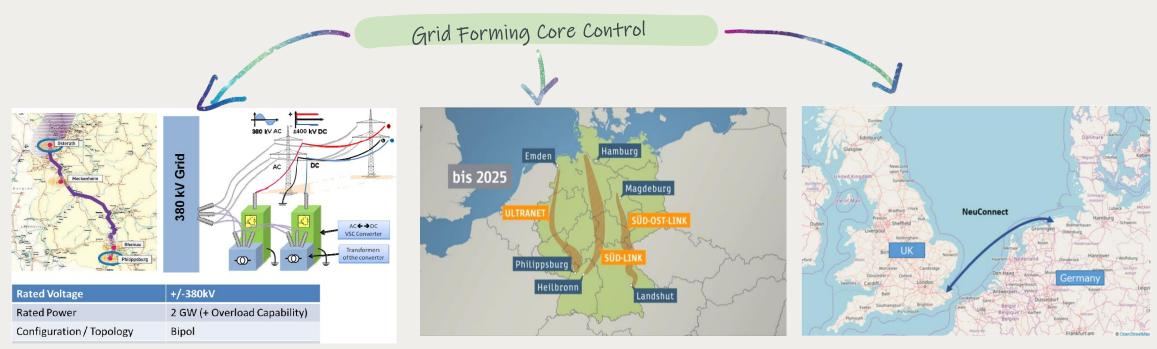


Fig: Project Ultranet

Fig: German Corridor Projects (SLV3 and SOL)

Fig: NeuConnect

- Tailor made solutions to meet customer demand for individual projects from single core solution of Grid Forming
- Accurate EMT models including actual software solutions for investigations
- Real time simulation with actual hardware setup & HIL with simplified setup
- Bridging the two "Following" & "Forming" technology

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