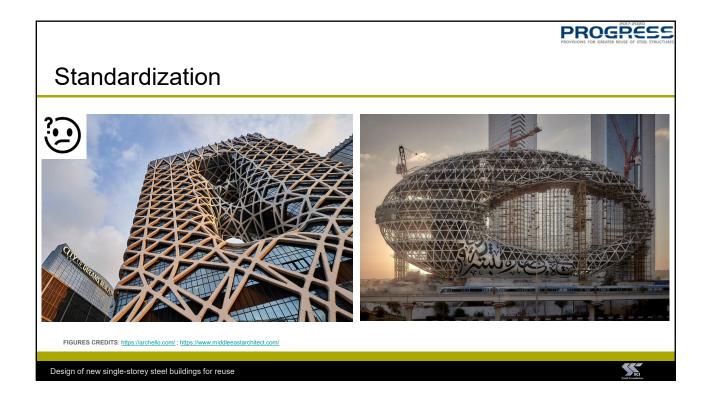


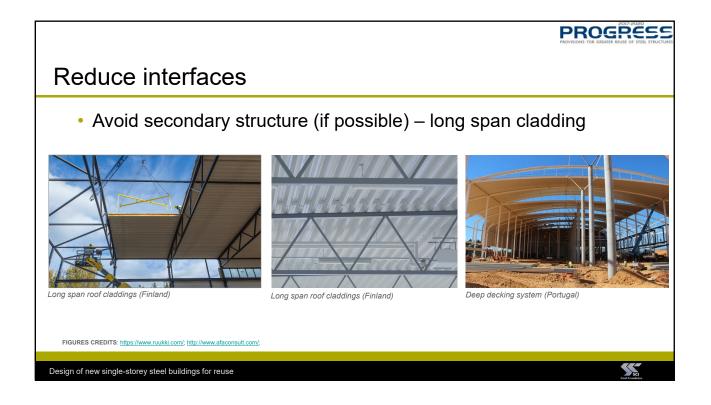
PROGRESS

## Standardization







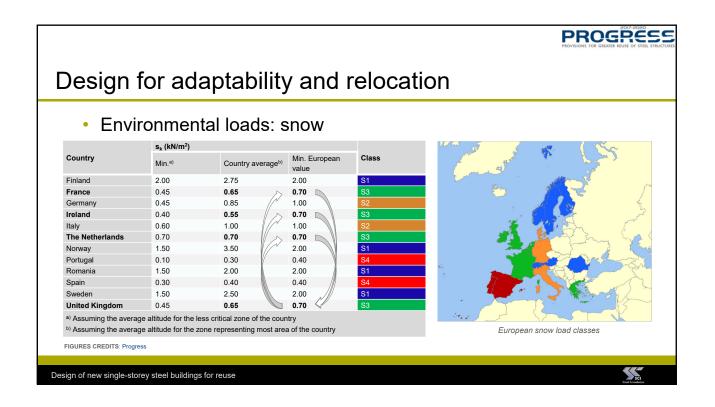


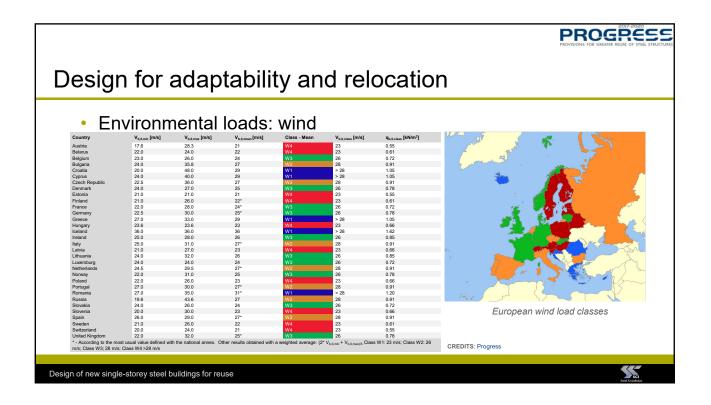
## PROGRASS

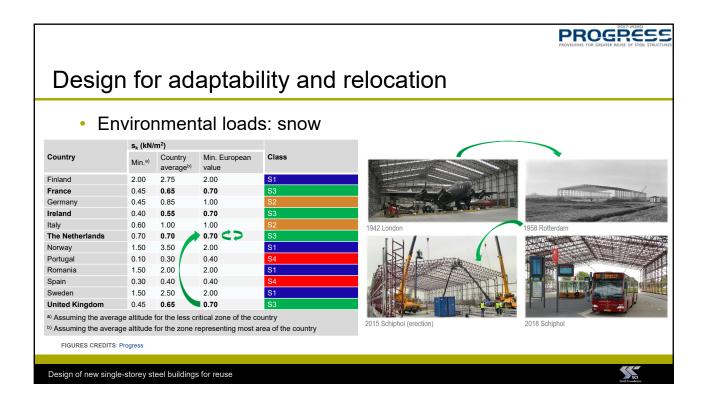
## Reduce number of diferente components and materials

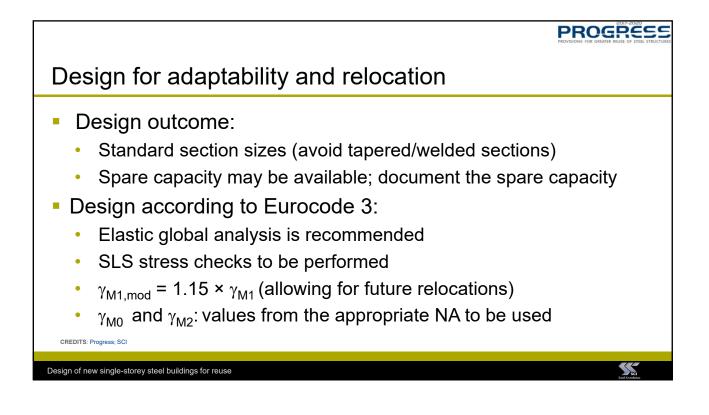
- Fewer robust members
- Reduce number of different cross-sections
- Reduce number of materials (steel-grades, subgrades)

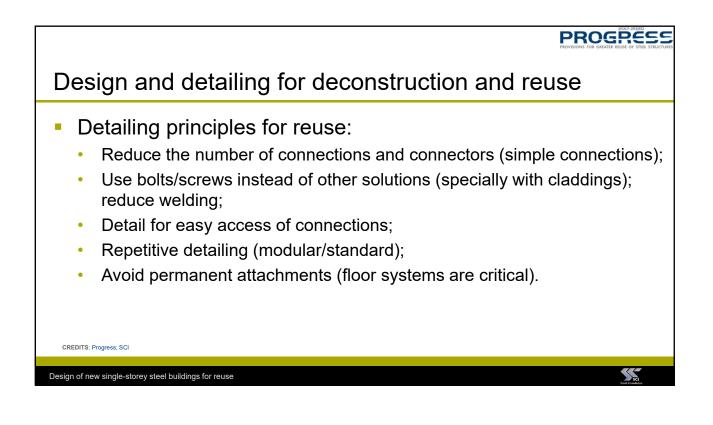


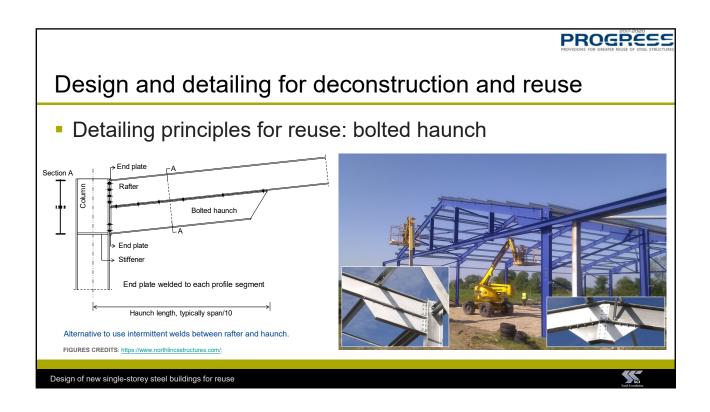


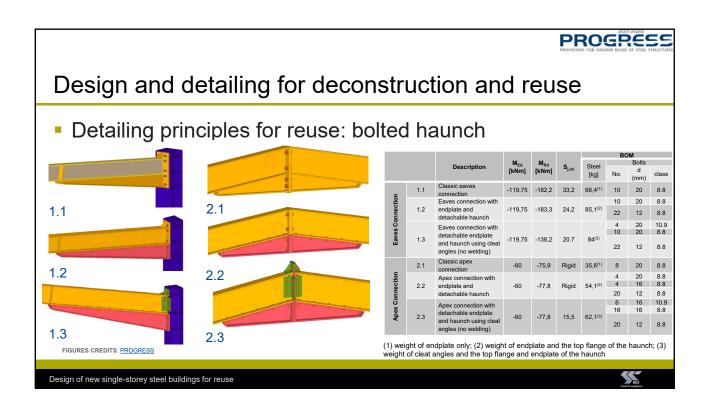


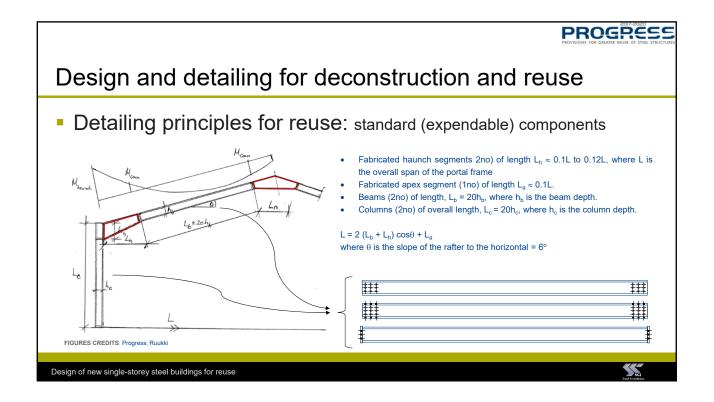


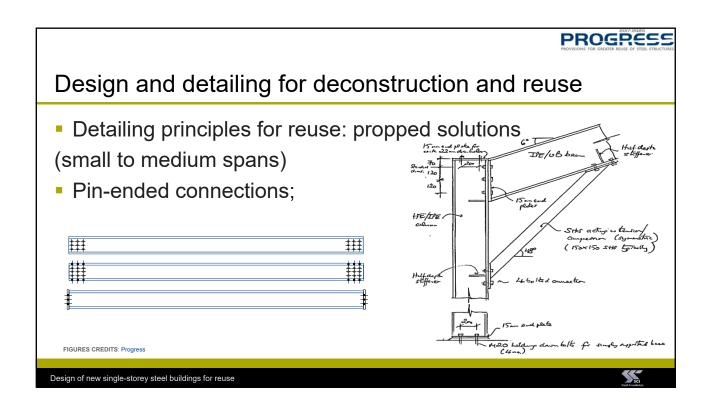


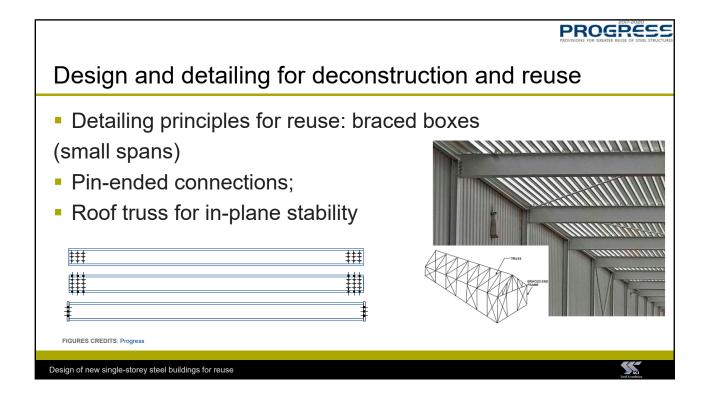


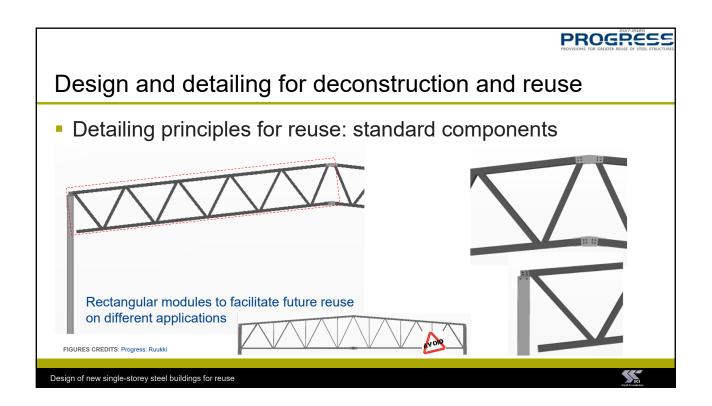


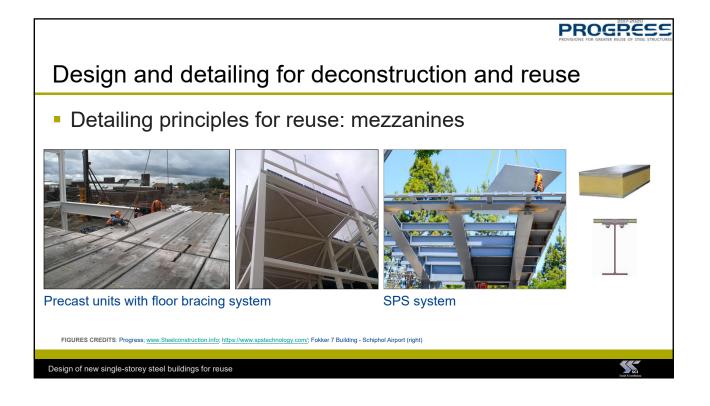




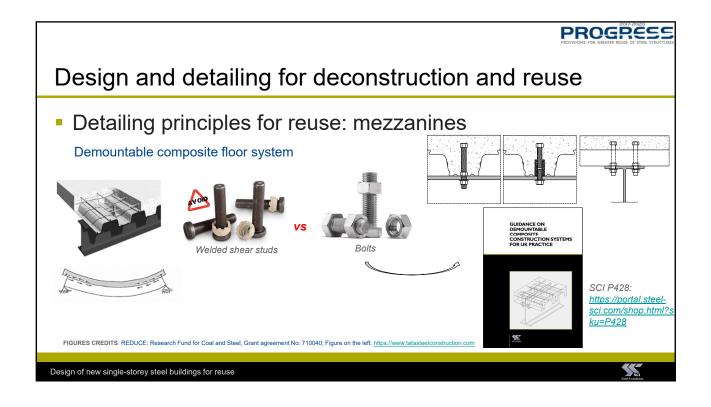










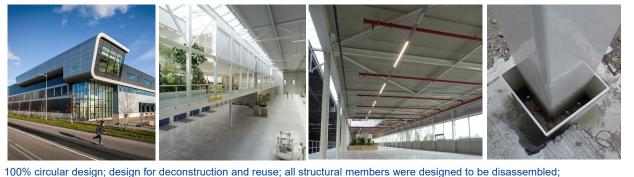




PROGRESS

## Design and detailing for deconstruction and reuse

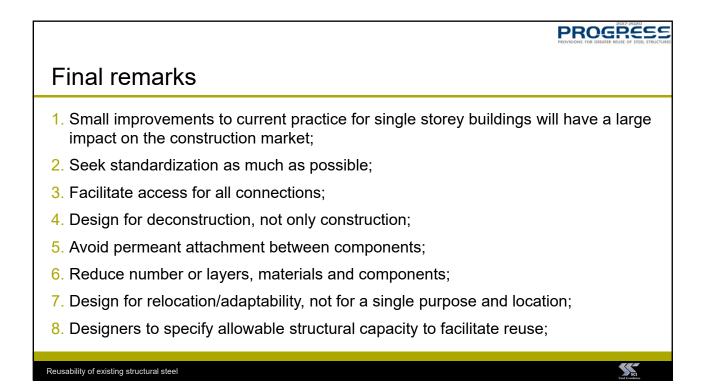
Detailing principles for reuse: case study



100% circular design; design for deconstruction and reuse; all structural members were designed to be disassembled cladding with screwing fixings; BIM and Material Passport to enhance future reuse.

FIGURES CREDITS: Fokker 7 Building ;Schiphol Airport

Design of new single-storey steel buildings for reuse





SCI is the leading, independent provider of technical expertise and disseminator of best practice to the steel construction sector. We work in partnership with clients, members and industry peers to help build businesses and provide competitive advantage through the commercial application of our knowledge. We are committed to offering and promoting sustainable and environmentally responsible solutions.

Thank you!

