

RDitech

ms

ms RDitech

R&D company for the on-shore and off-shore wind
energy sector
CORPORATE PRESENTATION

ARE YOU READY?

ABOUT US

RDitech

ms

MS RDitech is a R&D company, subsidiary of MS Enertech, created in 2021 for the on-shore and off-shore wind energy sector, focused on very specialized consultancy, high added value technical, optimizations, new foundation concepts, new tower connection concepts, new towers concepts, specific field support, etc.

MS RDitech is formed by 3 civil engineers with more than 45 years of experience in the sector and external collaborators, as well as the background of MS Enertech.



JOSÉ RAMÓN CARRIL
jrcarril@ms-rditech.com



WHERE WE COME FROM



MS Enertech is a Spanish Civil and Electrical Engineering established in 2006 in Burgos, (Spain), with subsidiary in Mexico (MS Enertech México S.A) in Colombia, and local partners in Argentine and Brazil, specialized in:

- GEOTECHNICS/GEOPHYSICS
- FOUNDATIONS (ALL TYPES)
- ROADS, PLATFORMS, ACCESSES, BRIDGES, DRAINAGE
- GROUNDING SYSTEM
- ELECTRICAL MV COLLECTOR SYSTEM
- FIELD CONSTRUCTION SUPERVISION
- FORENSIC ENGINEERING, REPAIR PROJECTS
- R&D PROJECTS



MS Enertech accumulates more than 500 projects related to civil and electric engineering, developed on 5 continents, over 54 countries, with a portfolio of more than 15.000 MW.

R&D+i FOR WIND FARM (SOME PROJECTS)

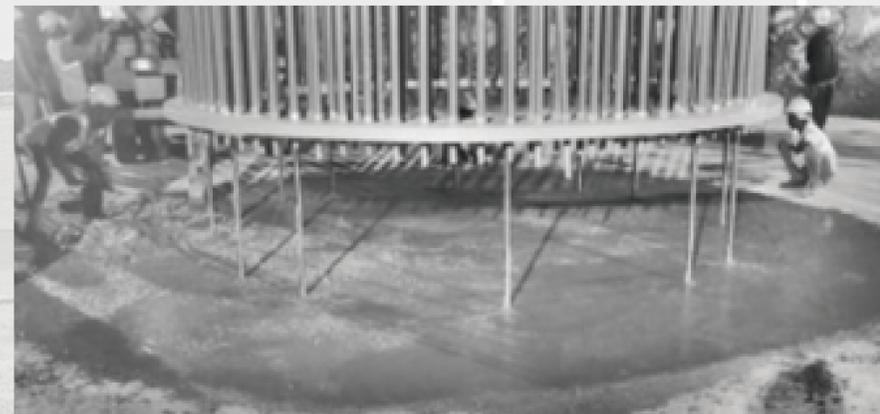
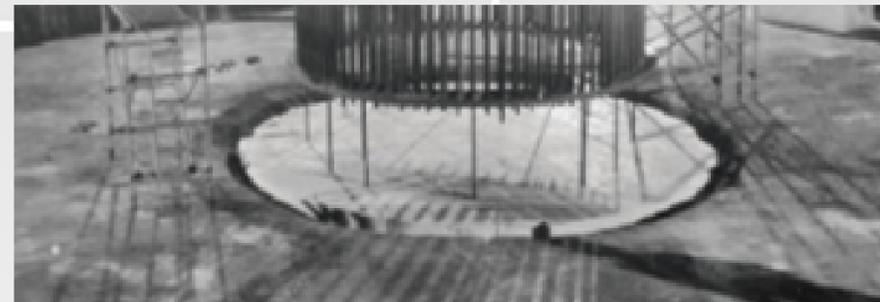
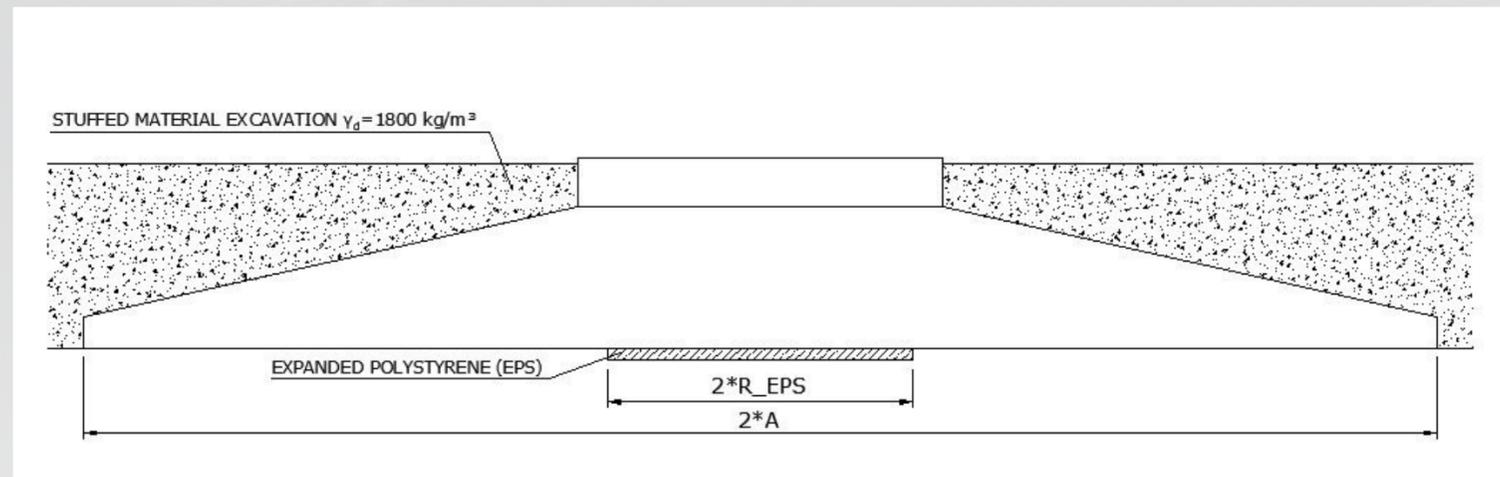
- WALLS FOUNDATION



- WALLS FOUNDATION

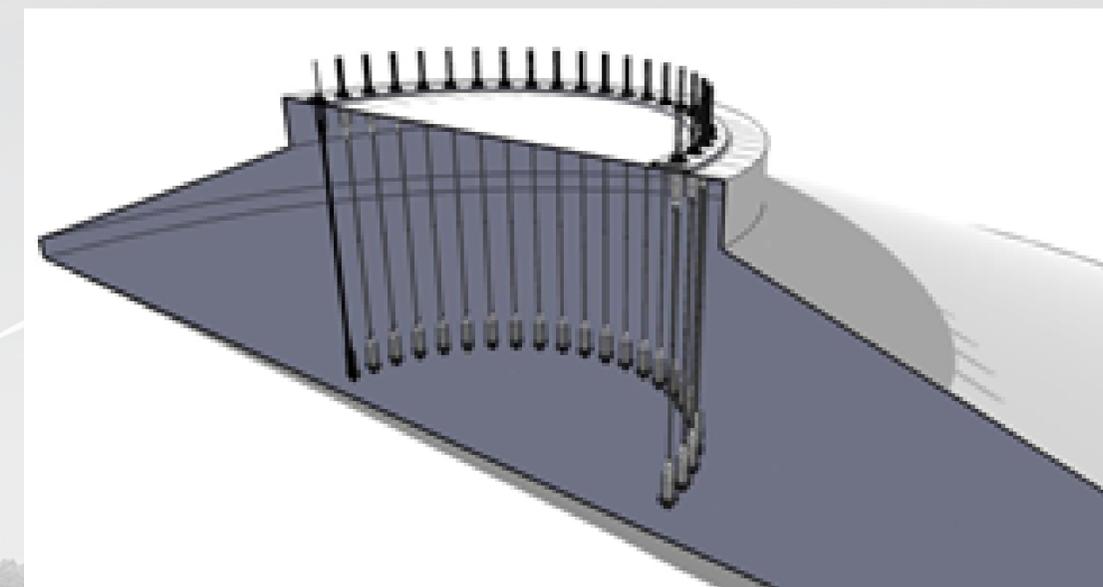
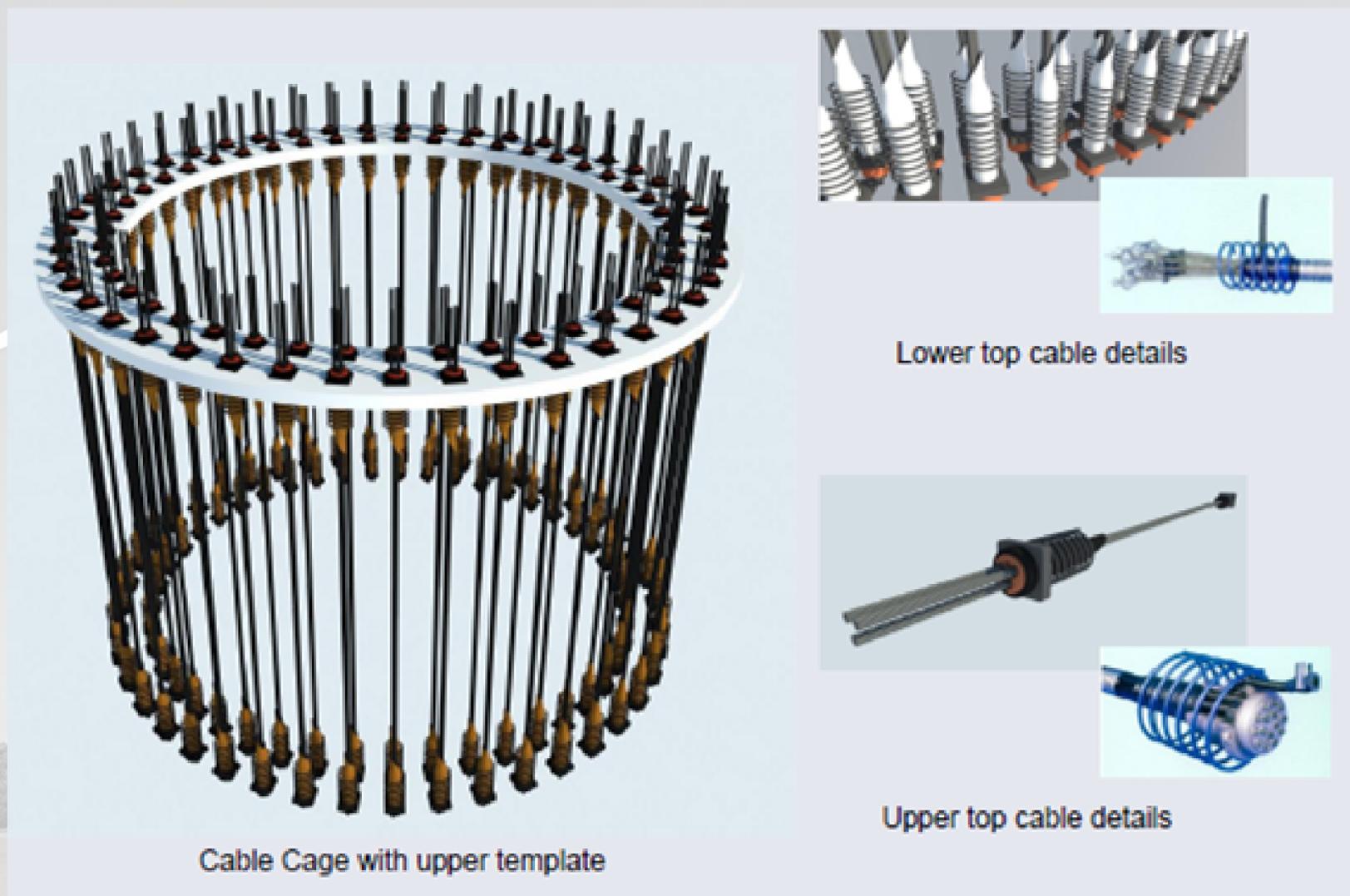
R&D+i for Wind Farms (Some projects)

- C3 FOUNDATION (and others: high plinth, rock-anchor, near-shore...)



R&D+i FOR WIND FARM (SOME PROJECTS)

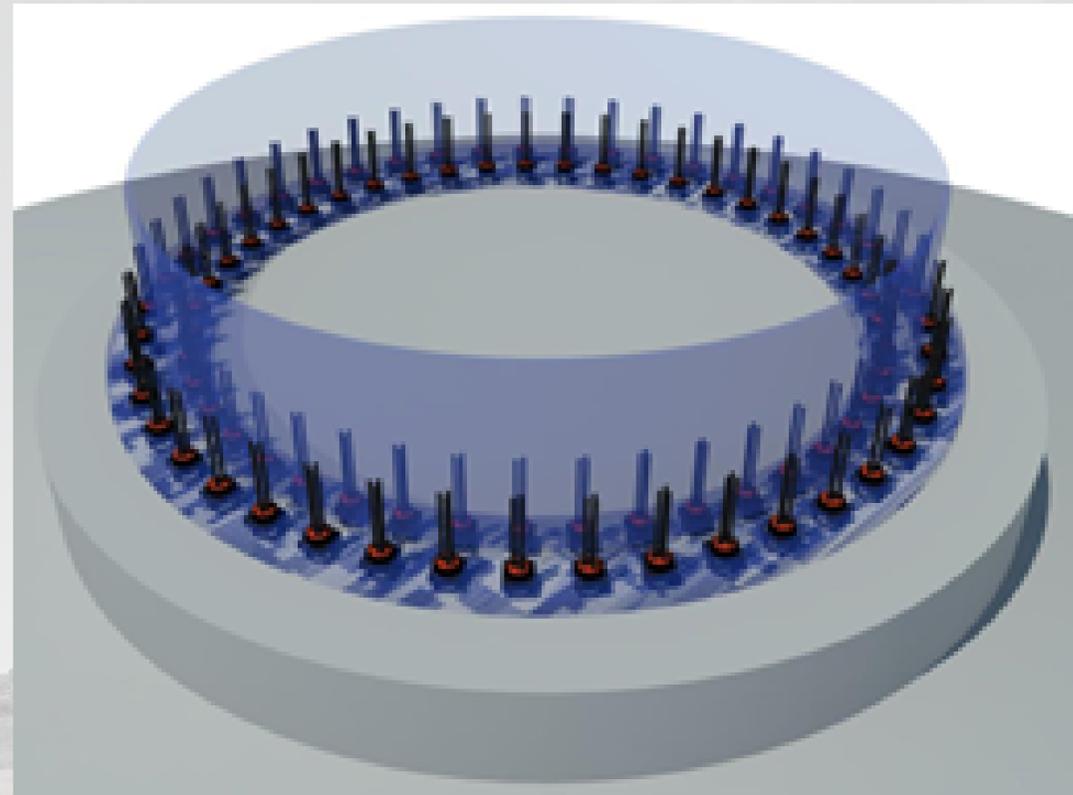
- WALLS FOUNDATION



This solution is patented by MS EnerTech according to **WO 2013/156632**

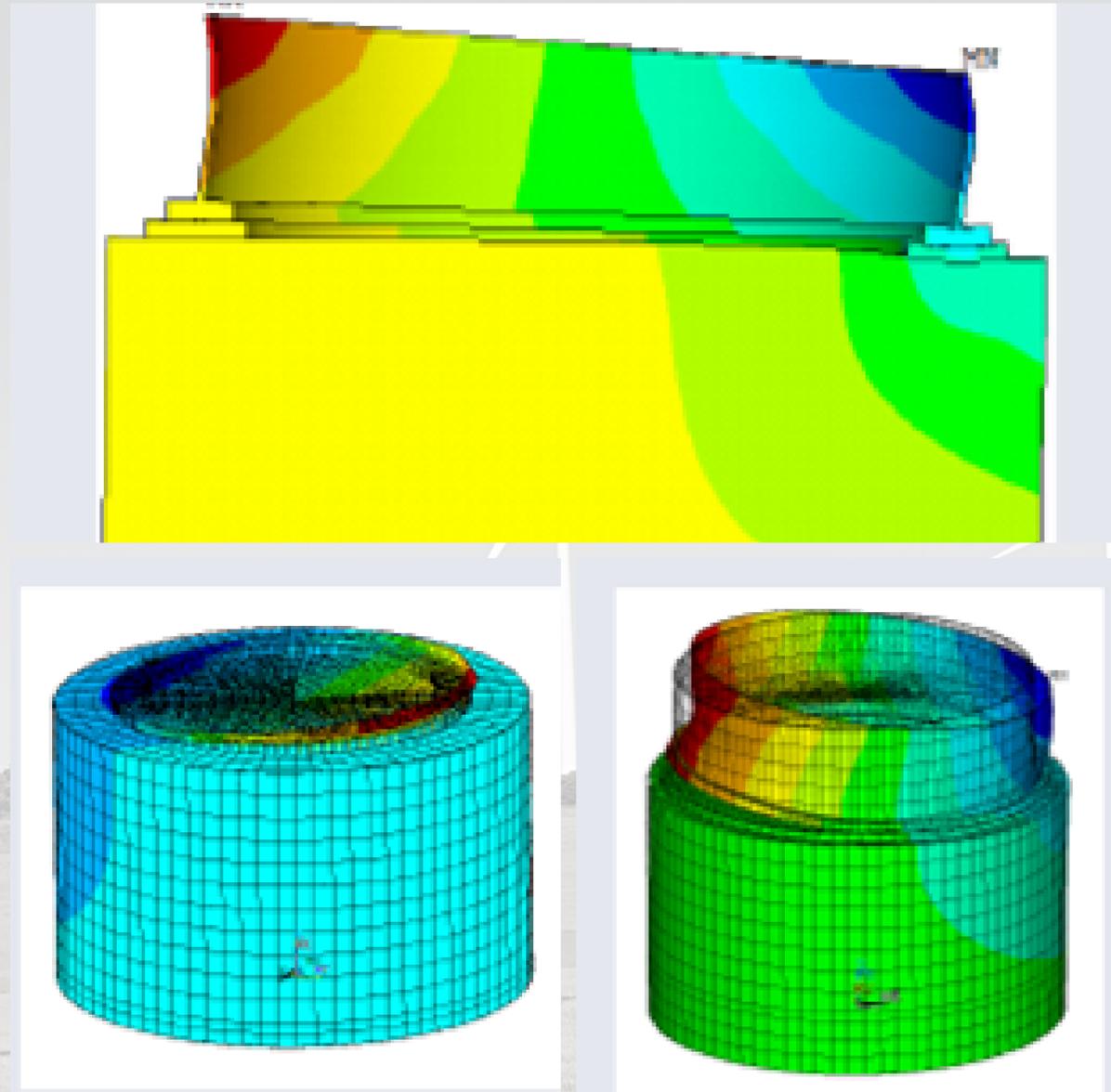
R&D+i FOR WIND FARM (SOME PROJECTS)

- BOLT CAGE DESIGN OPTIMIZATION /HIGH PLINTH BOLT CAGE DESIGN
- BOLT CAGE ANALYSIS TOOL



R&D+i FOR WIND FARM (SOME PROJECTS)

- FEM OPTIMIZATION



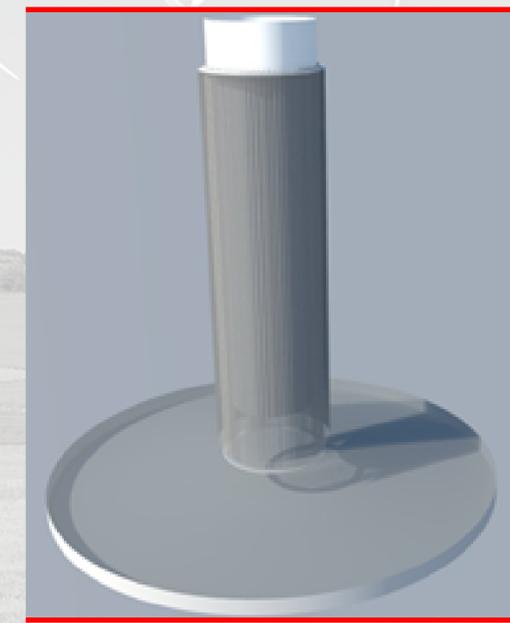
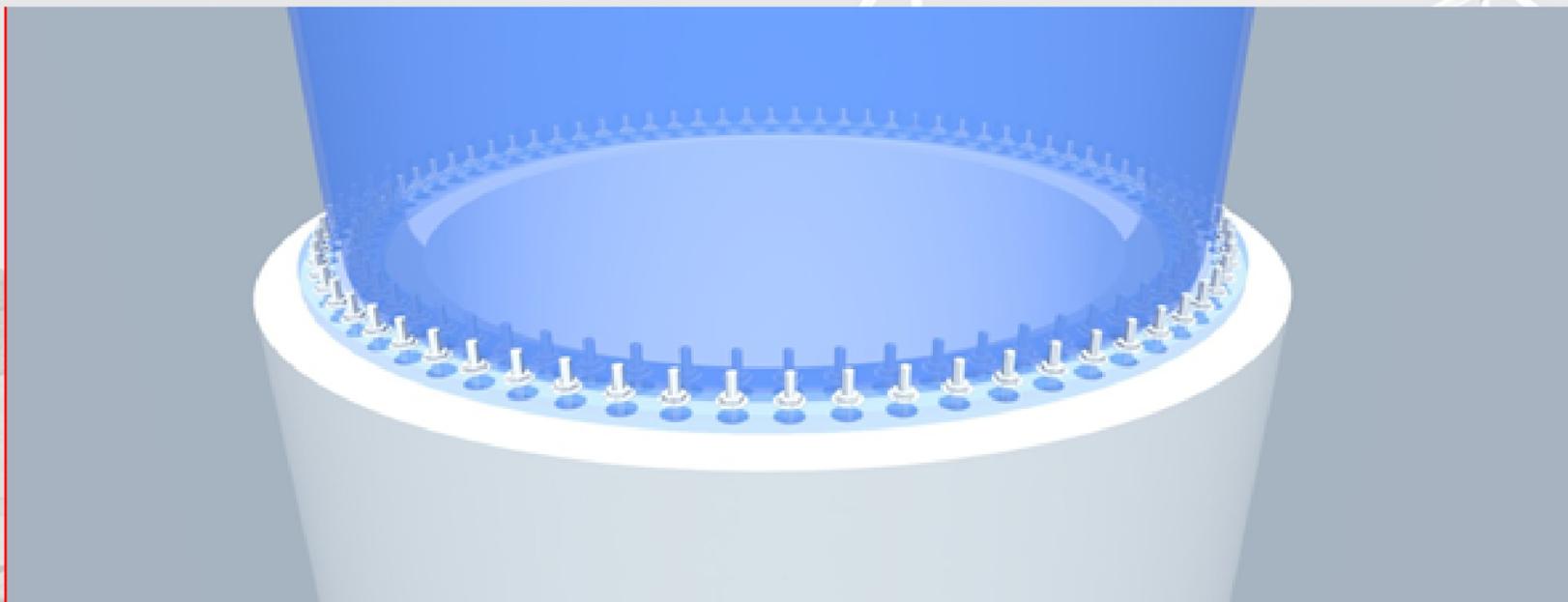
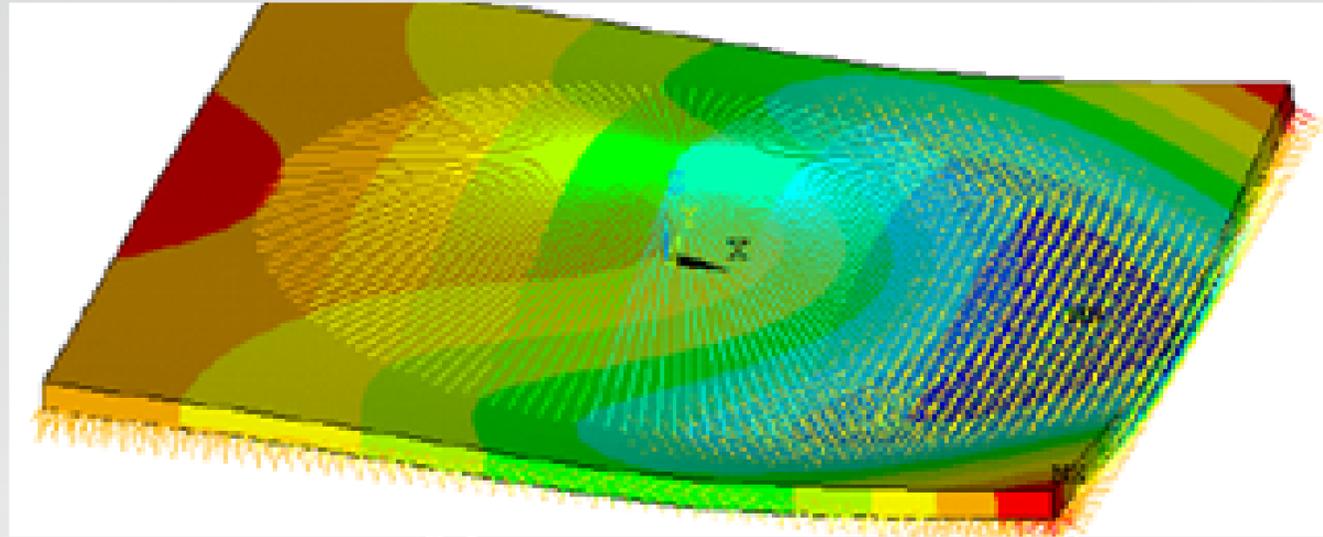
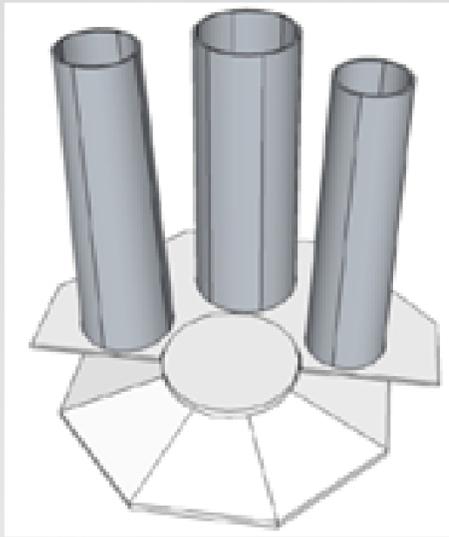
R&D+i FOR WIND FARM (SOME PROJECTS)

- PRECAST CONCRETE TOWER DESIGN



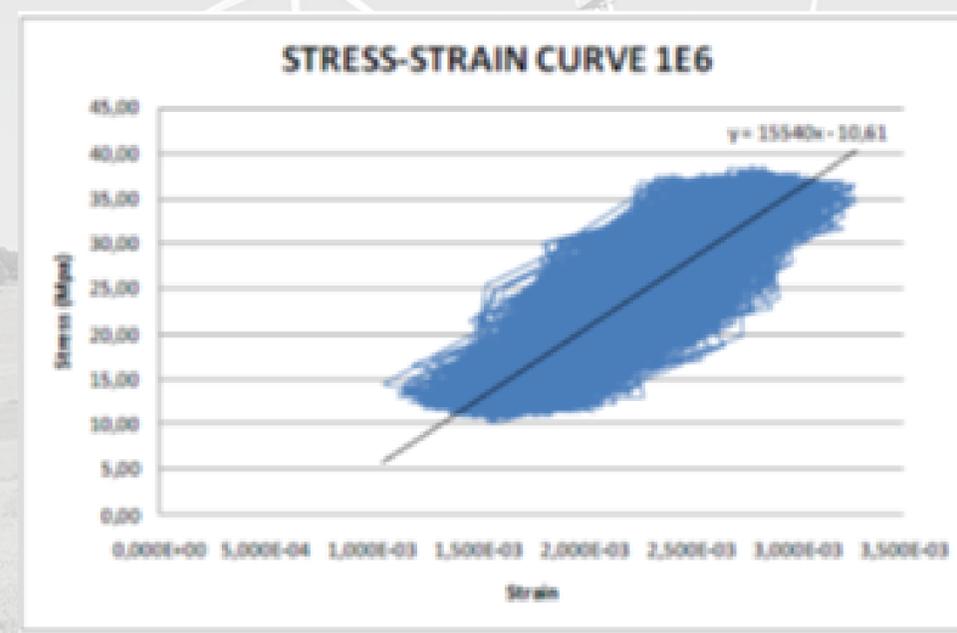
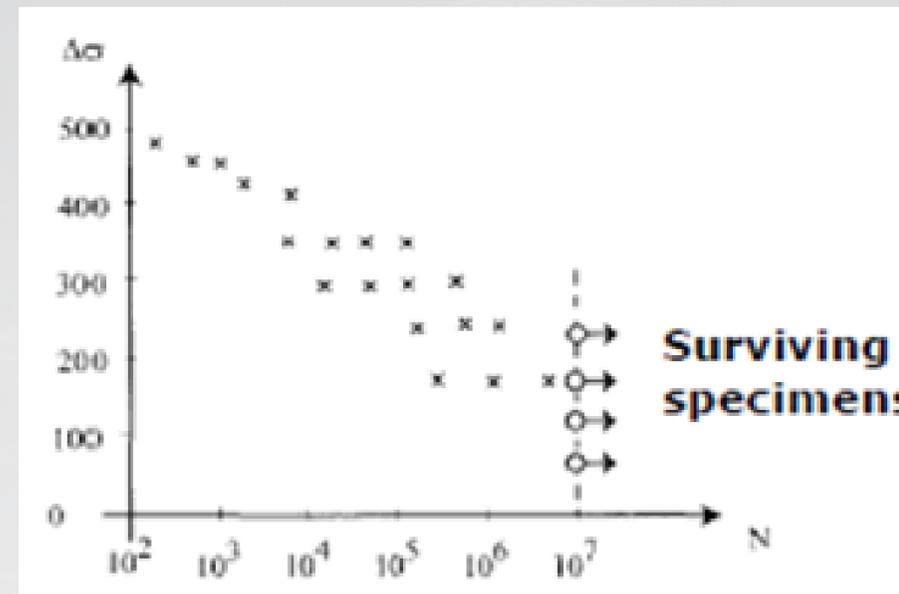
R&D+i FOR WIND FARM (SOME PROJECTS)

- CONCRETE TOWER DESIGN



R&D+i FOR WIND FARM (SOME PROJECTS)

- FATIGUE AND FULL-SCALE TESTS



R&D+i FOR WIND FARM (SOME PROJECTS)

- Collaboration in project Wind Lider for self-supporting assembly methodologies for WTGs towers (Gamesa, 2007)
- Concrete tower G10x on-site construction technical support (Gamesa, 2010)
- Concrete tower and connection with cables to hollow foundation, funded by CDTI (internal R&D, 2011)
- Fatigue Analysis of grouts for WTGs concrete towers (Gamesa, 2012)
- Fatigue Analysis of grouts for WTGs foundations (FOSROC, 2013)
- Blades glass fiber recycling to concrete for new foundations (internal R&D, funded by ADE, 2020)

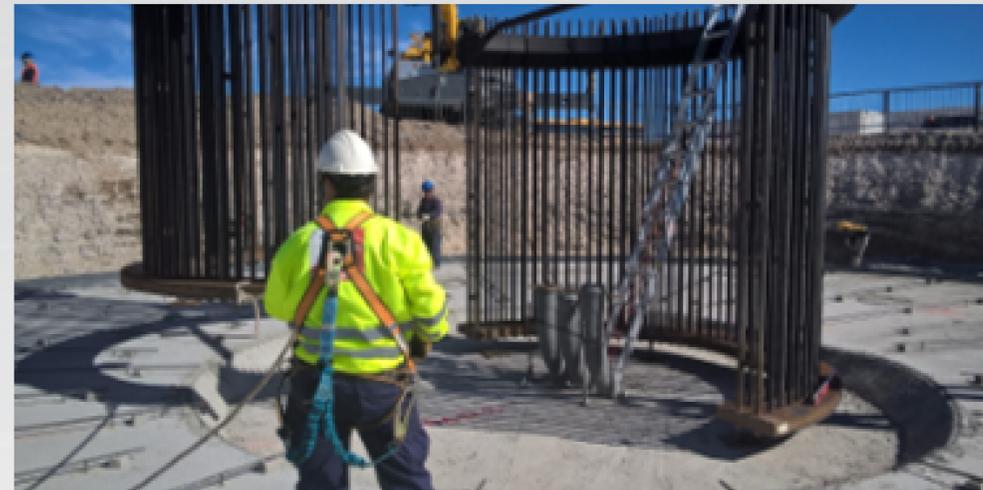
R&D+i FOR WIND FARM (SOME PROJECTS)

- Soil-to-foundation interaction for WTGs foundations (internal R&D, funded by ADE, 2018)

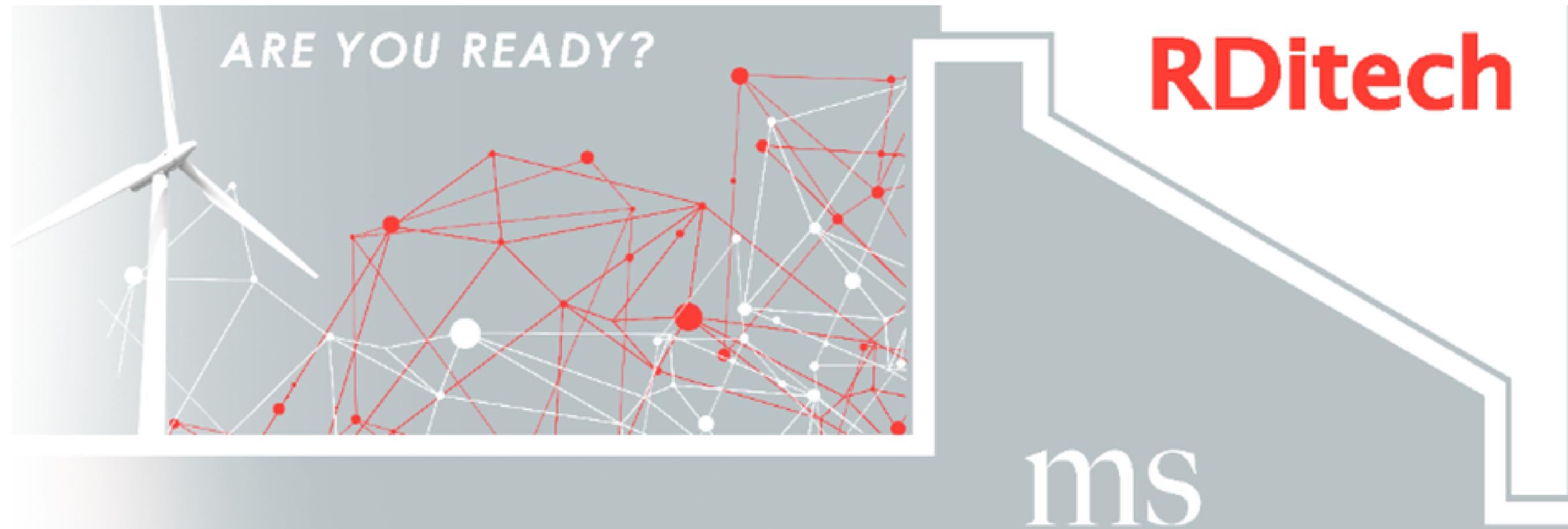


R&D+i FOR WIND FARM (SOME PROJECTS)

- FIELD SUPPORT



IF YOU NEED SPECIAL ADVICE, HAVE A UNIQUE PROJECT, AND INNOVATIVE IDEA OR AN UNUSUAL PROBLEM,
FEEL FREE TO CONTACT US, WE WILL BE HAPPY TO SUPPORT YOU AND FIND THE BEST SOLUTION.



www.ms-rditech.com
jrcarril@ms-rditech.com

THANK YOU