



2019
LISBON CES
CIVIL ENGINEERING SUMMIT

24 - 28 SEPTEMBER 2019, LISBOA, PORTUGAL

PRE-CONCLUSIONS

Fernando de Almeida Santos

Vice President - Ordem dos Engenheiros

Lisbon CES 2019 pre-conclusions

Compromise with Civil Engineering Heritage

Lisbon CES 2019 pre-conclusions

Profession:

- Necessary to combine professional mobility with the participation of local engineers
- International cooperation
- Need of global attributes to allow for mobility and recognition

Lisbon CES 2019 pre-conclusions

Education:

- **Engineering Education and its Integration with Professional Route**
- **Attractively engineering in young people**

Lisbon CES 2019 pre-conclusions

THE REPTS OF THE CIVIL ENGINEERING FOR FUTURE:

- Definitions of Competences and skills
- Social attendance, attitude and other non-technical skill
- HARD Engineer becomes SOFT Engineer
- Sustainable, Circular Economy, Climate Changes and New Technologies issues
- Smart answers (cities, territory, seas, grids, communications, etc.)
- New construction versus maintenance and rehabilitation construction
- Decarbonization message
- The speed of increasing knowledge.
- Ethics, Gender, Regional & Equality respect
- The old support of civil engineering to political decision

FOR THE PRESTIGE AND PROFESSIONAL
EVOLUTION OF ENGINEERS



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Thank you very much

Fernando de Almeida Santos
Vice President - Ordem dos Engenheiros