

# Paris Session 2022



## Specifications for power cables

### SC B1 Insulated Cables - PS1 - Q4

*“...Which are possible areas that need to be enhanced to support the expanding industry for insulated power cables?”*

Frank de Wild, Netherlands



# Specifications for power cables

## *Market situation from our perspective*

Increase in power cable projects & project requirements, but less time to spend

## *Return of our company experience*

Non-conformities / failures in many projects, with about 2/3 preventable

## *Quality management and specifications*

- Quality management is key but requires clear project goals
- Project goals are not always clear because the specifications or ER are unclear or incomplete
- Such unclarities in specifications cause:
  - The cable not meeting the project needs
  - Unclarities in the project and in the quality control of that project
  - Unclarities in responsibilities between parties
  - Significant discussion and delay if problems are encountered

*Much effort is paid to situations arising out of unclear specifications*

Group Discussion Meeting

# Specifications for power cables

## *Future*

Increasing need to both decrease the amount of non-conformities and failures and the amount of time spend on clarifying and detailing project requirements

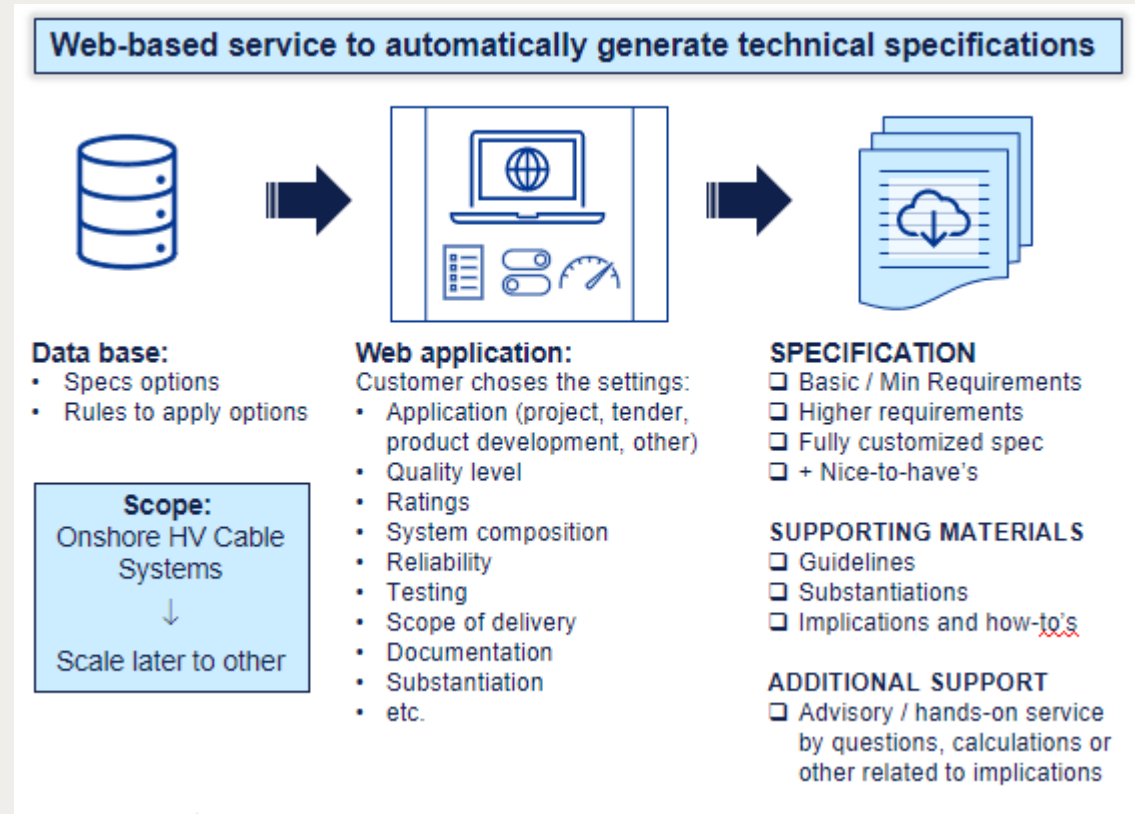
## *What to do?*

1. Standardize the HV cable projects
2. Create better, complete, up-to-date and clear specifications, and fast

# Specifications for power cables

## *Idea under current development*

- Make spec via web based tool
- Spec comes with guidance on what is required to make the specification project specific
- Aim: fast project definition and less problems by more complete and more clear specifications



*In answer to the question “Which are possible areas that need to be enhanced to support the expanding industry for insulated power cables?”, we believe that **standardisation** and a **quick, clear & complete specification phase** deserves attention*

Group Discussion Meeting