

## The CEMAC II project

### Project objectives

- The CEMAC II project has been set up to manage the work and to facilitate through a Europacable funded project the orderly and timely introduction of CE marking for cables under the CPD.
- The project brings together cable manufacturers, research and testing laboratories, and research establishments in the implementation process.
- It will create the technical background.
- Specifically, the CEMAC II project will develop rules and procedures for extended application of test results (EXAP) that will define which constructions should be tested in order to obtain classification for a defined family of cable constructions.

### Project members

- Project members include independent Research, Technology, Development (RTD) members  
SP - ISSeP - LSF - VDE - Interscience  
and Europacable members responsible for project management, ancillary cable testing and provision of test samples

### CEMAC II Project Work packages

- The project is split into a number of work packages
- WP1 – Cable selection and procurement
- WP2 – Reaction to fire test program
- WP3 – Round robin tests
- WP4 – EXAP procedure definition
- WP5 – Data collection and compilation
- WP6 – Standards preparation
- WP7 – Project management

### The CEMAC II test program

- 10 families of cables representing generic constructions widely used in Europe have been tested and the results analysed.
- 120 samples from 9 countries have been sourced.
- Both halogenated and non-halogenated materials have been included.
- Data, optical and power cable families have been tested.
- Tests to prEN50399, EN60332-1-2, EN61034-2 have been carried out on all samples.

### CEMAC II project status

- The CEMAC II project commenced in mid 2007 and will issue its final report in late 2009.
- The report will include a proposed set of rules and procedures for EXAP.