


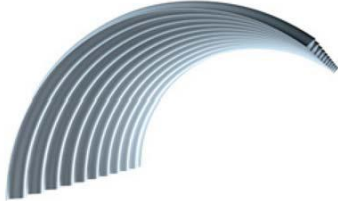

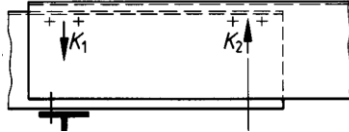
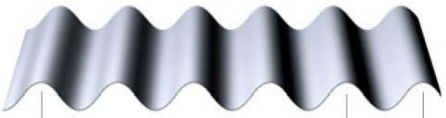
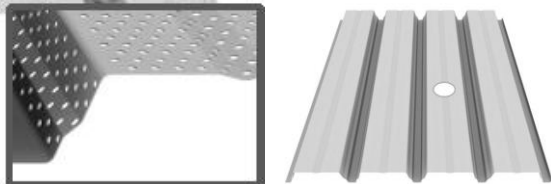

GUIDELINES AND RECOMMENDATIONS FOR INTEGRATING SPECIFIC PROFILED STEEL SHEETS IN THE EUROCODES (GRISPE)

- ❖ **Project carried out with a financial grant of the Research Programme of the Research Fund for Coal and Steel**
- ❖ **Duration 36 months from 1st September 2013**
- ❖ **Partners:**
 - L'ENVELOPPE MÉTALLIQUE DU BÂTIMENT (Coordinator)
 - BACACIER
 - INGENIEUR BURO FUR LEICHTBAU
 - KARLSRUHER INSTITUT FUR TECHNOLOGIE
 - SOCIETE BRETONNE DE PROFILAGE
 - SOKOL PALISSON CONSULTANTS



AIM OF GRISPE

→ Provide technical data and calculation methods for specific steel profiles not included in the current version of the Eurocode

<p>Steel decks with embossments or stiffners</p> 	<p>Curved profiles</p> 
<p>Liner trays</p> 	<p>Assembled profiles</p> 
<p>Corrugated sheetings</p> 	<p>Perforated or holed profiles</p> 
<p>Cladding systems</p> 	



MAIN TASKS OF GRISPE

- **Critical review of the state of the art for the selected products**
- **Extensive experimental program to fill in the gaps in knowledge (tests performed at KARLSRUHER INSTITUT FÜR TECHNOLOGIE)**
- **Development of calculation methods**
- **Briefing workshop, presentation of the results**
- **Proposition of the codification changes to CEN TC 250/SC3/WG3 EN 1993-1-3**



WORK PACKAGES

- ❖ **WP1: Calculation methods for Steel decks with embossments / stiffeners**
- ❖ **WP2: Calculation methods for liner trays, corrugated sheeting, curved profiles and assembled profiles**
- ❖ **WP3: Calculation methods for perforated and holed profiles**
- ❖ **WP4: Calculation methods for cladding systems**
- ❖ **WP5: Pre-codification, knowledge transfer and use of results**