



Take it EASIE !



Panama international, for the first time since it was created participates to a research program on sandwich panels validated by the European Commission.

EASIE means: **E**nsuring **A**dvancement in **S**andwich **C**onstruction through **I**nnovation and **E**xploitation.

Its aims:

- to develop solutions and technical guidelines ready for implementation for the revision of the standard EN 14509 which is expected to be finished in 2010
- to implement the new information in the use in practice, which will be carried out through seminars and practical guidelines as well as e-learning modules.

19 partners

Beneficiary Number	Beneficiary Name	Beneficiary Short name	Country
1	Fachhochschule Mainz, Institut für Sandwhtechnik	ISM	Germany
2	University of Karlsruhe	UKA	Germany
3	Helsinki University of Technology	TKK	Finland
4	Syndicat National du Profilage des Produits Plats en Acier	SNPPA	France
5	Technical University Darmstadt	TUD	Germany
6	Panama International	PI	France
7	European Quality Assurance Association for Panels and Profiles	EPAQ	Germany
8	Panelco	PAN	France
9	Arcelor Mittal Construction Polska	AMC	Poland
10	ECP- Gesellschaft f.GfK Lösungen mbH	ECP	Germany
11	M-Profile Zabok d.o.o	MPRO	Croatia
12	Fech Fenstertechnik GmbH & Co. KG	FECH	Germany
13	Asociacion Paneles de Poliuretano Inyectado	APIPNA	Spain
14	Engelbert Rietsch GmbH	ITP	Italy
15	LHH conculsting Oy AB Ltd	LHH	Finland
16	RBM Europe BV	RBM	Netherlands
17	ColdKit Ibérica S.A.	NGP	Portugal
18	Europa Media	EUMED	Hungary
19	ThyssenKrupp Bausysteme GmbH	TKS	Germany

3 major categories of research:

- *Improvement of sandwich panel design and design tools to promote and simplify the use of sandwich products;*
- *Improvement of energy consumption both during production process and after application to the building;*
- *Prediction of product lifecycle to ensure safe design and efficient retrofitting and replacement.*

7 groups of activities integrated in seven interlinked work packages:

WP1: *Improvement of thermal and structural behaviour in openings and joints*
Leader: *Lars Heselius from LHH Consulting Oy Ab Ltd*

WP2: *End use focused design strategies*
Leader: *Philippe Calland from Panelco*

WP3: *Use of sandwich technology to optimise the global resistance of buildings*
Leader: *Uwe Lipka from ECP Gesellschaft für Systemlösungen mbH*

WP4: *Retrofitting, Durability and Maintenance*
Leader: *Eric. Rustemeijer from RBM Europe*

WP5: *E-Learning-based education on sandwich panels*
Leader: *Prof. Dr.-Ing Jörg Lange from Technical University of Darmstadt*

WP6: *Training, skill development and dissemination*
Leader: *Bernadette Fulton from Panama International*

WP7: *Management and Governance*
Leader: *Prof. Dr.-Ing Bernd Naujoks from Fachhochschule Mainz*

Panama and its partners EPAQ and APIPNA are in charge of organising the promotion and dissemination of the project and the results during the next 3 years and in the 27 European countries.