



European Cooperation in the field of Scientific and Technical Research

DAY 1, FREIBURG - BRAINSTORMING SESSION 4th September 2014

IDEAS Proposed and Segmented

System shapes, Geometry, Sizing, Effects on under performance, Levels of integration, quality of integration, Flexibility, Roof installation, integrated units, Micro collectors, PCMs, Connectivity, More and better integration with other energy sources, Large scale applications, Stand alone systems, Retrofits, Flexible parts, components and products in solar and PV, Modular, Scale-able, Modular, Architectural aspects, Prefabrications, Element connections, BISTS for Desalination, cooling etc, Portability, Design and develop for disaster areas in world, refugee camps etc., Transparency, Shading, Vacuum tubes, Multi use and purpose, Raw materials selection.

COST is supported by the EU RTD Framework Programme

ESF provides the COST Office

CIENCE OUNDATION



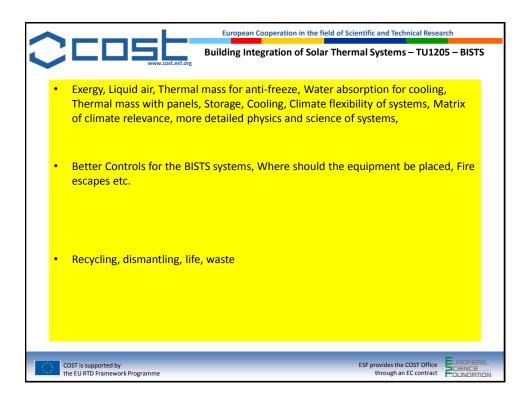
European Cooperation in the field of Scientific and Technical Research

Building Integration of Solar Thermal Systems – TU1205 – BISTS

- Energy company links, New business interests, Energy networking, Avoid spikes in energy demand, Supply and demand combined, Seasonal, Smart grids, Funding, government funding, research funding, Finance and costs
- Benchmarking of measuring tools and software, Reliability, legal, liability, and modifications to buildings, Function for applications, Validation of models, Testing, Links to design software, Building certification, Directives, Testing, standards, on site measurements, Compare performance of systems
- Design workshops- multi disciplinary in nature, Develop skilled people, training, Dissemination- video, PP etc., Promote TU1205

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- SHORT TERM SCIENTIFIC MISSIONS
- TRAINING SCHOOL: 31 STUDENTS (ANNUALLY)
- REVIEW PAPERS FOR JOURNALS WG1, WG2,WG3.
- HANDBOOK TO BE DECIDED ON(TEMPLATE FROM PUBLISHER)
- PLANNING CONFERENCE
- CASE STUDIES (90) DISCUSSION: MERVYN
- EXPANSION OF DATA BASE





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CASE STUDIES

- LENGTH, BREATH OF TECHNOLOGY
- TAXONOMY
- CASE STUDIE SON WATER, AIR, COMBI, COOLING, STORAGE, BIPV, VENTILATION, FAÇADE, ROOF, THERMAL SLATES, SOLAR SANDWICH, SPACE COOLING, COMBINED AIR-WATER FACADES,



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