EURAC research
Institute for Renewable Energy

Wolfram Sparber


Welcome in Bolzano

Welcome at EURAC

Thank you for joining this meeting in Bolzano

Thank the EURAC team for the organization and preparation

Occasion to exchange experiences in the field of urban energy transition

Bolzano, 27-29/05/2015

SINFONIA M12 meeting

General Assembly
Replication Cluster kick-off event


EURAC
research

Autonomies

Institute for Minority Rights

Institute for Public Management

Institute for Specialised
Communication and Multilingualism

Institute for Studies
on Federalism and Regionalism

Health

Center for Biomedicine

Institute of Mountain Emergency Medicine

Institute for Mummies and the Iceman

Mountains

Institute for Alpine Environment

Institute for Applied Remote Sensing

Institute for Regional Development and Location Management

Technologies

Institute for
Renewable Energy

Collaborators 2013

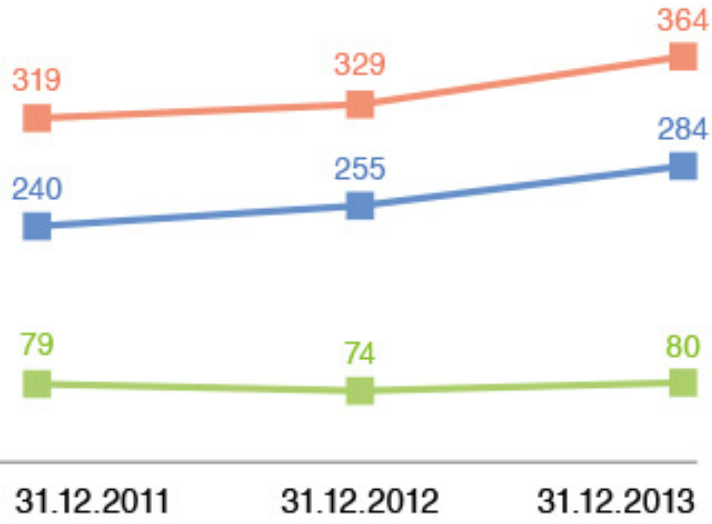
Personal
Personale
Personnel

Personalstand . Personale . Personnel

Gesamt (Servicebereiche + Forschung + Projektverträge)
Totale (Servizi + Ricerca + Lavoro a progetto)
Total (Service Departments + Research + Project Contract)

Forschung
Ricerca
Research

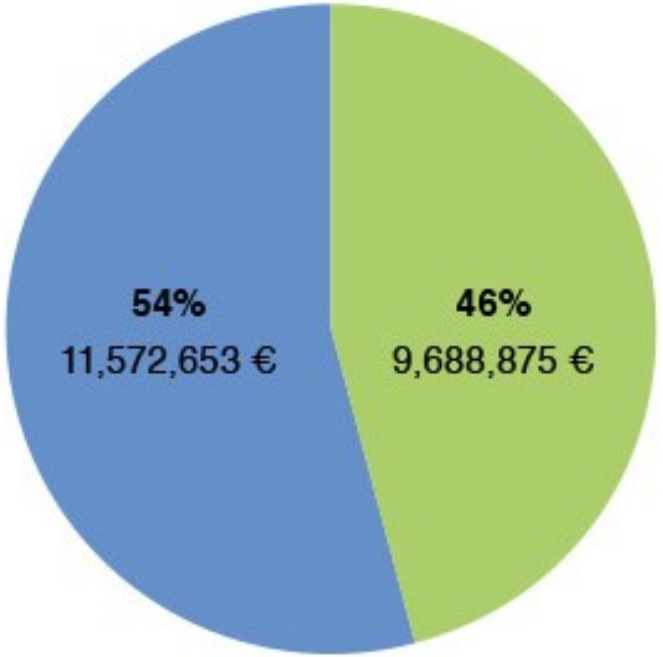
Servicebereiche
Servizi
Service departments



Financial figures 2013

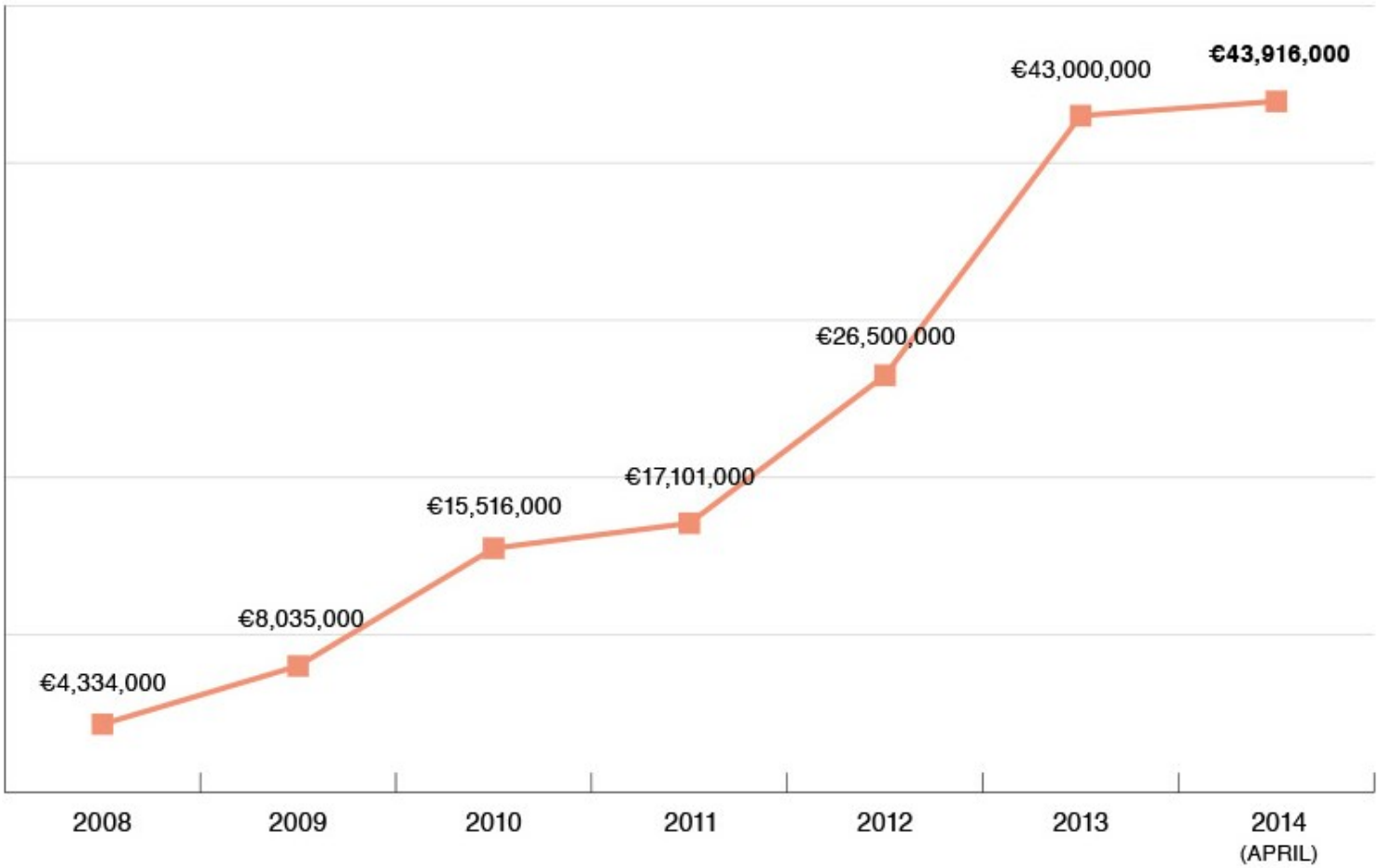
- Grundfinanzierung durch die Autonome Provinz Bozen-Südtirol
- Finanziamento di base della Provincia Autonoma di Bolzano
- Basic financing from the Autonomous Province of Bolzano/Bozen

- Drittmittel
- Fondi esterni
- Third Party Funding



EU Projects

Overall project budget
Total budget administrated by EURAC



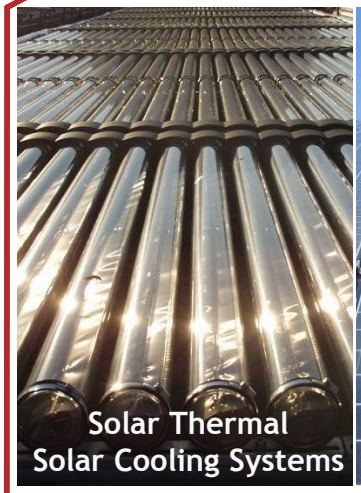
EURAC research areas

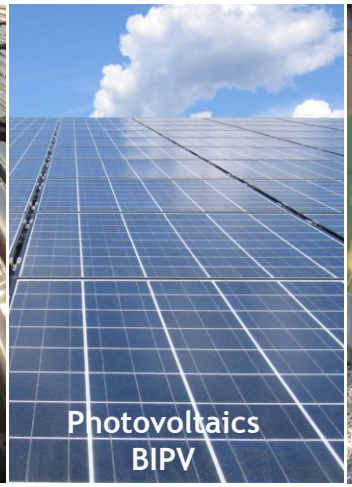
AUTONOMIES

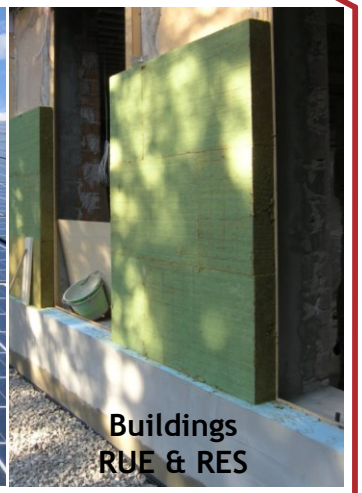
HEALTH

MOUNTAINS

Solar Energy for Buildings & Districts

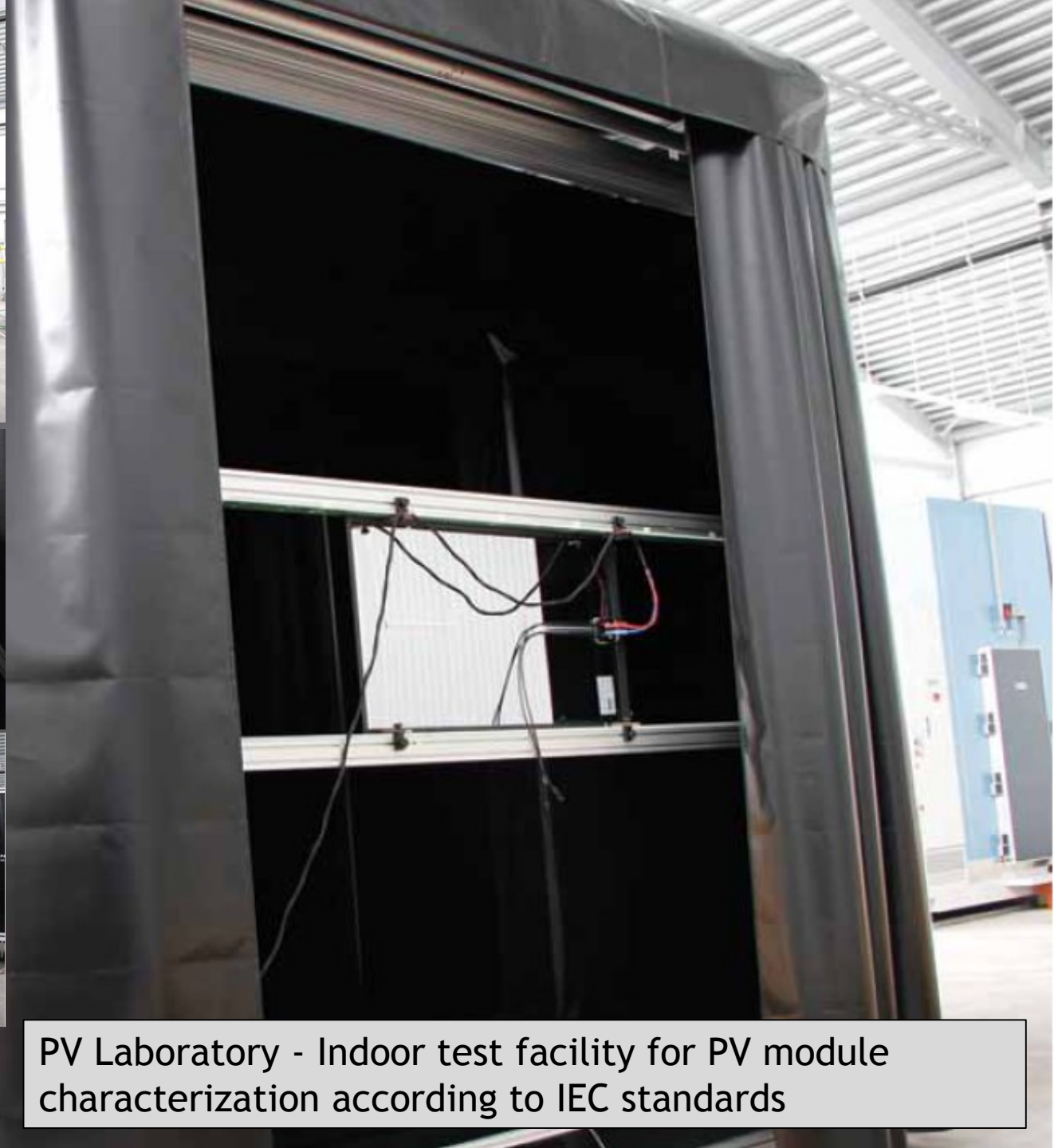






Test facility (double guarded hot box) for testing thermal properties of building envelopes, passive and solar active (artificial sun)

Test facility for thermally driven heat pumps and systems (e.g. solar cooling) and electrically driven heat pumps



PV Laboratory - Indoor test facility for PV module characterization according to IEC standards

Outdoor multi technology PV test field including 24 different PV technologies and several mounting systems – ABD airport Bolzano

Sinfonia / Institute Renewable Energy

- Sinfonia gives the possibility and has the challenge to apply advanced energy technologies at large scale

- Within the Institute for Renewable Energy the development of advanced energy technology solutions is a key aspect in several different applications on buildings and renewable energy applications …

3encult

EFFICIENT ENERGY FOR EU CULTURAL HERITAGE

Efficient energy for EU cultural heritage

Background

Historic buildings are the trademark of numerous European cities, towns and villages: historic quarters give uniqueness to our cities, they are a living symbol of Europe's rich cultural heritage and reflect society's identity.
Yet, this is also an area where the high level of energy inefficiency is contributing to a huge percentage of greenhouse gas emissions. With climate change posing a real and urgent threat to humanity and its surroundings, also to historic buildings, it is necessary to guide an improved approach to all refurbishment actions in historic buildings.

iNSPiRe Sets Its Sights

The European Union has announced ambitious targets for the reduction of energy consumption of buildings in Europe.

In recognition of the potential for energy savings in existing building stock, the Energy Performance of Buildings Directive recast (EBPD recast, 2010) states that, alongside its target to construct zero-energy new buildings by 2020, renovation targets should aim to transform existing buildings into nearly zero-energy buildings, too.

Read more →

WELCOME TO iNSPiRe

Project News

iNSPiRe team gather for sixth project pa

BRICKER

ENERGY REDUCTION IN PUBLIC BUILDING STOCK

Register to stay informed about BRICKER progress

PROJECT | TECHNOLOGIES | DEMO SITES | PARTNERS | NEWS | EVENTS | NETWORK | NE

THE PROJECT

BRICKER aims to develop a scalable, replicable, energy efficient, zero emissions and cost effect to refurbish existing public-owned non-residen buildings to achieve at least 50% energy consur reduction.

PROJECT

TECHNOLOGIES

DEMO SITES

CommONEnergy

Project | Case Studies | Data and Tools | Resources | Media | Contact

CONVERTING EU SHOPPING MALLS INTO BEACONS OF ENERGY EFFICIENCY

The EU-funded CommON*Energy* project will turn highly energy consuming shopping centres into temples of energy conservation
partners representing various industry stakeholders, as well as research and academia from ten European countries

Case Studies

Spain - "Mercado del Val", a local market situated in the old town of Valladolid: the intervention aims to recover the late nineteenth century building,

Norway - "CitySyd", a suburban shopping centre built on the outskirts of Trondheim, and one of the largest malls in central Norway. The planned

Italy - "Genova Ex Officine Guglie
the populous neighborhood of V
reconversion of an existing retai

REEMAIN

RESOURCE AND ENERGY EFFICIENT MANUFACTURING

WEBINAR

on Technolog

Efficient Man

9 June 2015, 14:30

Read more a

REEMAIN FOR FOUNDRY

REEMAIN FOR TEXTILE

REEMAIN FOR FO

Search

LOCSEE

Low Carbon South East Europ

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The LOCSEE (Low Carbon South East Europe) project aims to build the capacities of public and other institutions dealing with climate change, and to strengthen the involvement

gional Policy Network

RPN

SOUTH EAST EUROPE
Transnational Cooperation Programme

EUROPEAN UN

Thank you for your attention

wolfram.sparber@eurac.edu

www.eurac.edu