

## Invitation

Historic buildings and urban districts are fundamental parts of our cultural identity and heritage. With respect to the reduction of greenhouse gas emissions we must find ways to adapt buildings, ensembles and districts to the challenges of energy efficiency while preserving the cultural heritage.

The EFFESUS project has been initiated against this background. It investigates both the energy efficiency of individual buildings, building ensembles and districts, as well as energy generation from renewable sources in historic urban districts. The project aims to reduce the environmental impact of Europe's valuable urban heritage by making significant improvements to its energy efficiency, while conserving and promoting the architectural, cultural, historic and urban values of Europe's historic cities.

EFFESUS almost finished its envisaged project duration. Significant progress has been made regarding technological developments, supply concepts for renewable energies and decision making strategies for energy efficient interventions. It is time to reflect the results and our vision on sustainable and energy efficient historic urban districts and present them to a professional audience for discussion.

We cordially invite you to join our final conference in Dordrecht, the Netherlands on June 24th 2016 at the Energiehuis. We are looking forward to welcome you at this public event and are delighted to invite you to a mutual exchange.

Please register here to attend the conference:  
<http://www.fffesus.eu/events/final-conference>

## Final Conference

**Duration:** 9:00 - 17:00  
afterwards reception

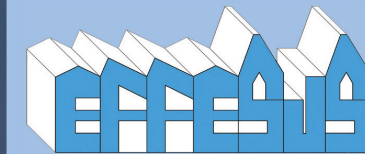
**Venue:** Energiehuis  
Noordendijk 148  
3311 RR Dordrecht  
The Netherlands

### Public Transport:

- The Energiehuis is within 15 minutes walking distance of the Dordrecht Central Railway Station
- The city bus 10 stops right at the Energiehuis
- The city buses 3, 4, 5 and 15 stop at the bus stop „Oranjelaan“ (3 minutes walking distance of the venue)



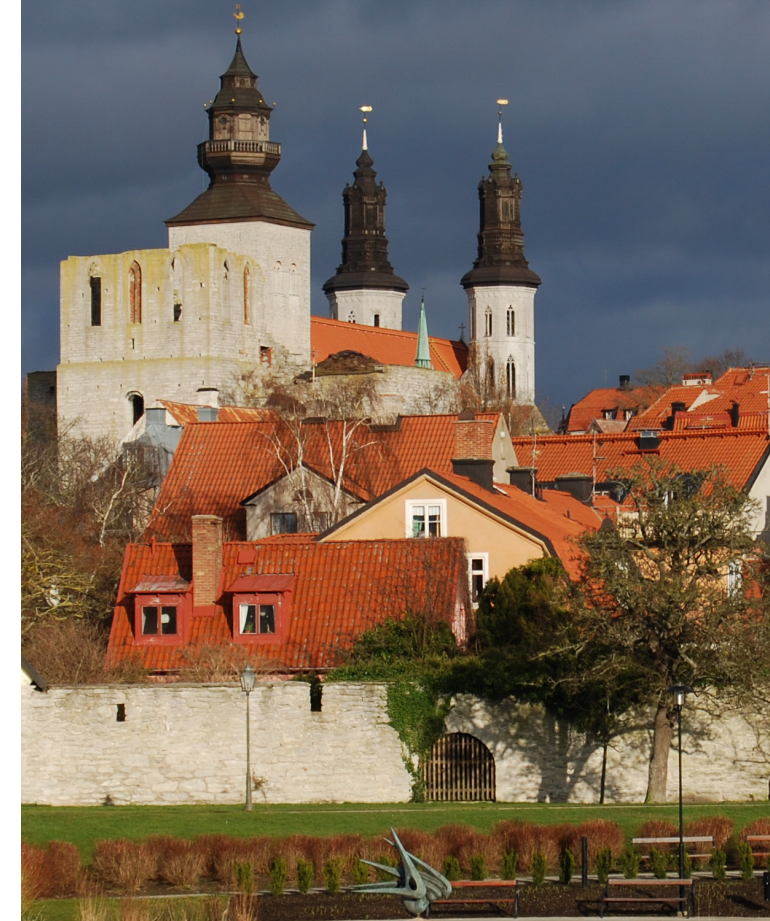
**EFFESUS Contact:** [request@fffesus.eu](mailto:request@fffesus.eu)



Final Conference

June 24, 2016

Energiehuis, Dordrecht  
The Netherlands



Funded by the European Commission



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# Final Conference

## Energy Efficiency for EU Historic Districts' Sustainability - EFFESUS

### Program:

#### Session I: Opening and Introduction

09:00 – 09:30 Registration / Welcome Coffee

09:30 – 09:45 **Conference Opening**

Piet Sleeking

Deputy Mayor of Dordrecht, The Netherlands

09:45 – 10:05 **EFFESUS – General Approach and main results – an overview**

Dr. Isabel Maribona-Rodriguez

Tecnalia Research and Innovation,  
Spain Project Coordinator

#### Session II: Strategies for energy assessment of historic urban districts

10:05 – 10:25 **Expert opinion on demands and challenges**

Davide Poletto

UNESCO Regional Bureau for Science and Culture in Europe, Italy

10:25 – 10:45 **Historic districts categorisation methodology**

Prof. Tor Broström

Uppsala University, Sweden

10:45 – 11:00 Questions and Answers / Discussion

11:00 - 11:30 Coffee Break

#### Session III: EFFESUS Innovations

11:30 – 11:50 **Expert opinion on demands and challenges**

Ir. E.J. Nusselder

Monumentenzorg, The Netherlands

11:50 – 12:10 **Advanced blown-in insulation aerogel**

Iain Fairnington

A. Proctor Group Ltd., United Kingdom

12:10 – 12:30 **New insulating mortar for external and internal application**

Harold Brocken

Gevelsupport BV/Bofimex Bouwstoffen BV,  
The Netherlands

12:30 – 12:45 **Challenges and mayor results of indoor and outdoor lab tests**

Dr. Jürgen Frick

University of Stuttgart – Institute of Materials Testing, Germany

12:45 – 13:00 Questions and Answers / Discussion

13:00 – 14:00 Lunch

14:00 – 14:20 **Radiant reflective coating for outdoor application**

Constantinos Tsoutis

Advanced Management Solutions Ltd., Greece

Dr. Alexandra Troi

EURAC Research, Italy

14:20 – 14:40 **Historic windows upgrading**

Eir Grytli / Cezary Misiowiecki

Norwegian University of Science and Technology, Norway

14:40 – 14:55 **Metering technologies**

Luc Pockelé

R.E.D. S.r.l. Italy

14:55 – 15:05 Questions and Answers / Discussion

15:05 – 15:30 Coffee Break

#### Session IV: Decision Support for energy interventions in historic urban districts

15:30 – 15:50 **Expert opinion on demands and challenges**

Sara van Rompaey

Board Member at Architects' Council of Europe (ACE-CAE), Belgium

15:50 – 16:15 **Methodology for the identification of the best solutions**

Aitziber Equisquiza

Tecnalia Research and Innovation, Spain

16:15 – 16:45 **Demonstration of the Decision Support System**

Kostas Seferis

I2S S.A., Greece

16:45 – 17:00 Questions and Answers / Discussion

17:00 – 18:00 Closure / (Informal) Reception

**Moderation:** Prof. Dr. Gunnar Grün

Fraunhofer IBP, Germany

*The schedule and program indicated are subject to change.*

## Project Partners

### Project coordinator

Tecnalia Research & Innovation, Spain

### Scientific and technical coordinator

Fraunhofer-Gesellschaft, Germany

(Fraunhofer Institute for Building Physics, IBP and

Fraunhofer Center for International Management and Knowledge Economy, MOEZ)

### Project partners

A. Proctor Group Ltd., United Kingdom

Acciona Infrastructures S.A., Spain

Active Aerogels Ltd., Portugal

Advanced Management Solutions Ltd., Greece

Bofimex Bouwstoffen BV, Netherlands

Consortium of the City of Santiago de

Compostela, Spain

D'Appolonia S.p.A., Italy

Delap & Waller EcoCo Ltd., Ireland

Dennis Rodwell, United Kingdom

EURAC research, Italy

Historic Environment Scotland, United Kingdom

HOR-BER Ltd., Hungary

I2S, Greece

National Research Council – Institute of

Atmospheric Sciences and Climate, Italy

Norwegian University of Science and

Technology, Norway

R.E.D. s.r.l., Italy

SAMPAŞ Nanotechnology, Turkey

SAS Gouas, France

Snekkeriet Verdal AS, Norway

University of Stuttgart – Materials Testing

Institute, Germany

Uppsala University, Sweden

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