



nZEB Training in the Southern EU countries – Maintaining building traditions / SouthZEB project

Maria Betsi¹, Iakovos Kalaitzoglou¹, Vassilis Kostopoulos¹ (e: jk@mech.upatras.gr)
 Polyvios Eleftheriou² (e: polyvios.eleftheriou@cut.ac.cy),
 Manuela Almeida³ (e: malmeida@civil.uminho.pt)
¹ Applied Mechanics Lab / University of Patras, Rio University Campus, Greece
² Cyprus University of Technology, Cyprus
³ University of Minho, Portugal

Introduction

What is it?
 Pioneering cooperative work co-funded by Intelligent Energy Europe within the concept of promoting sustainable building and energy efficiency measures.

Basic Info
 Number of Agreement: IEE/13/393/SI2.675576
 Duration of project: 30 months
 Starting Period: 03/2014
 Ending Period: 09/2016
 Project's budget: 1.364.149,00 €
 Funding by IEE: 75%

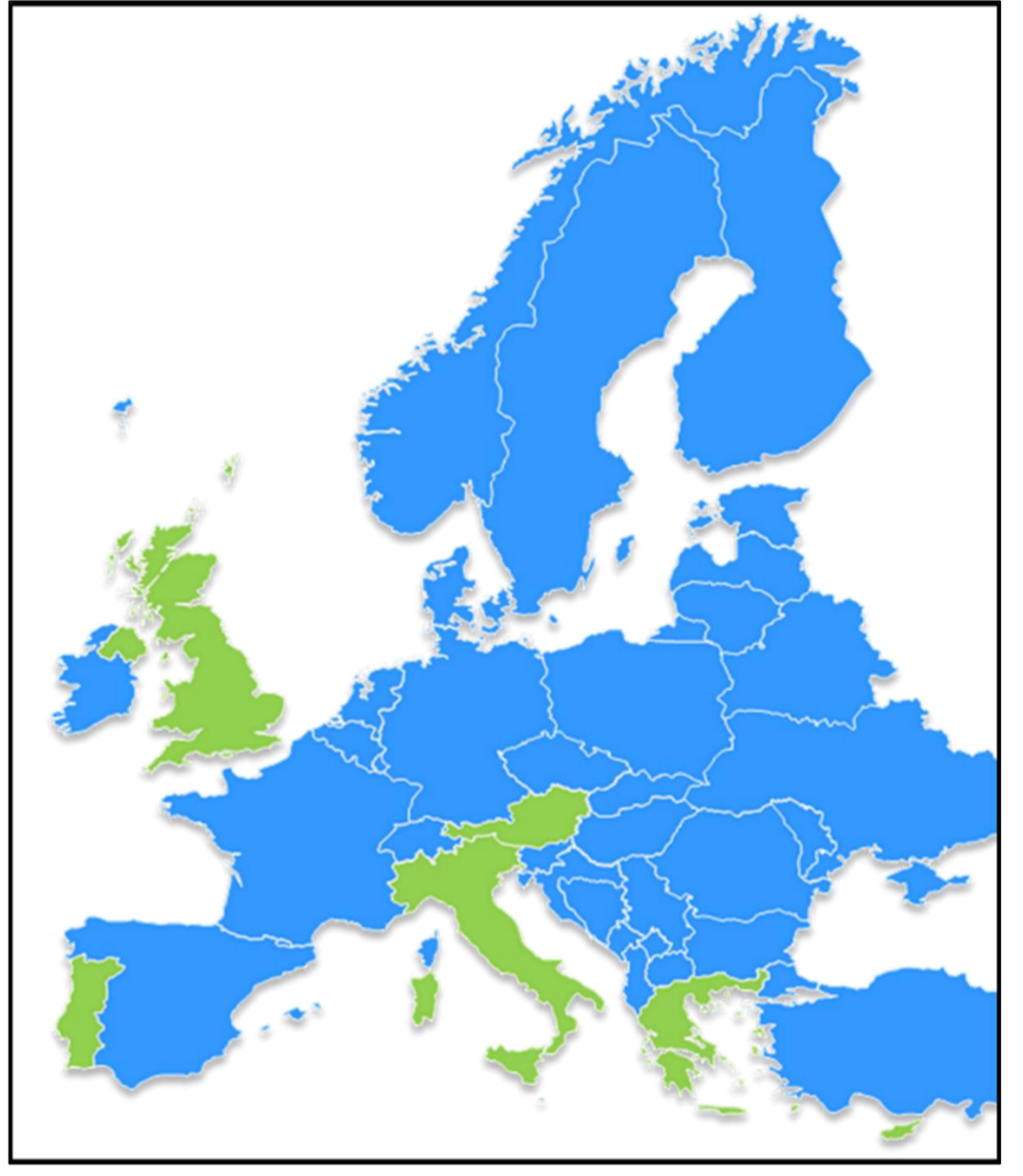
SouthZEB project

What was the trigger for the project?
 The recast European Directive 2010/31/EU stipulates the existence of nearly zero energy buildings after 2019 (public sector) and 2021 (private sector). However, barriers were identified regarding the know-how of the professionals of building industry and decision makers especially in Southern Europe → responsible for the design of nZEBs, for the creation of funding framework and incentives for nZEBs → Sustainable Cities

Who participates?
 Nine partners, addressing 4 target countries (Greece, Cyprus, Southern Italy and Portugal)

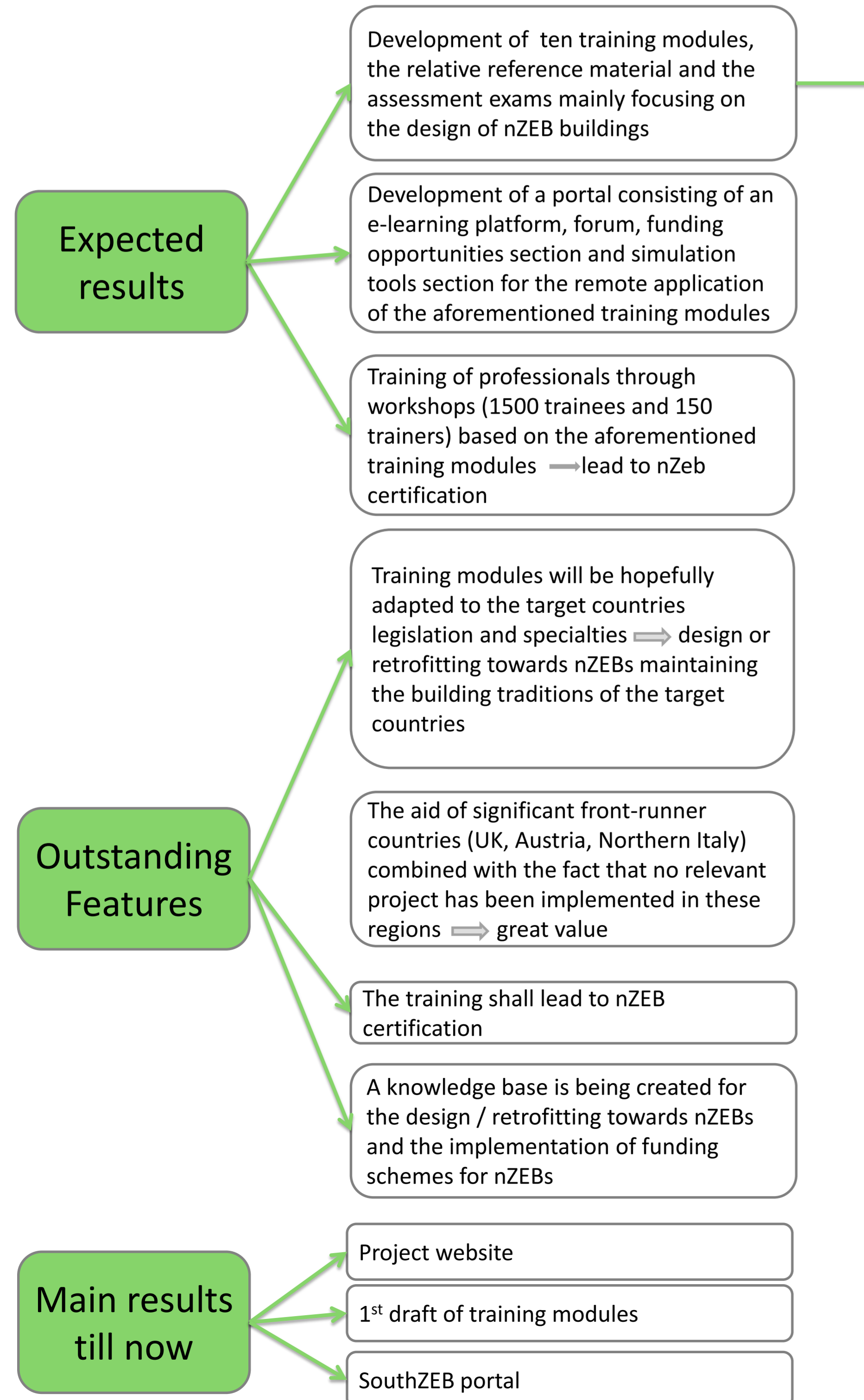
What is the purpose of the project?
 To prepare appropriately the professionals of the building industry and decision makers through training in filling-in this gap

Partners	Logo
UPATRAS (Greece) (Co-ordinator)	
KEK Eurotraining (Greece)	
BEST (Austria)	
BRE (UK)	
CUT (Cyprus)	
GARNET (Cyprus)	
DTTN (Italy)	
UMINHO (Portugal)	
IST – ID (Portugal)	



Partners in a green color

Expected results – Outstanding Features



Training module	Title
1	Basic module
2	Advanced module
3	Thermal bridging
4	Thermal Comfort
5	SouthZEB framework module and local architectural regulations
6	nZEB simulation and design software module
7	Low carbon technology and automation for nZEBs
8	Retrofitting towards nZEB" training module
9	Training module for construction management and field supervision of nZEB
10	Training module for decision makers – Preparation of funding schemes and other incentives for nZEB



Passive house (residences) in Austria

