

# The IEE-project EINSTEIN-II: Activities and Outcomes

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# History of EINSTEIN development

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- Colaboration of several European companies and institutes in the Framework of different projects
  - IEE-project EINSTEIN – I (2007 – 2009)
  - National and regional projects EINSTEIN – II (Spain), EINSTEIN-Solar (Catalonia), EINSTEIN in Österreich (Austria)
  - Currently ongoing IEE-project EINSTEIN-II (7/2010 – 10/2012)

# Who develops EINSTEIN ?

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- Co-ordination, concept and major development tasks
  - energyXperts.NET (Barcelona, Spain / Berlin, Germany)
- Technical contributions by
  - AEE INTEC (Graz, Austria)
  - CRP Henri Tudor (Luxemburg)
  - previous versions (until V1.1 / 2009) also:
    - University of Rome (Rome, Italy)
    - Joanneum Research (Graz, Austria)
    - University of Maribor (Maribor, Slovenia)
- Other contributions (translations, etc.) by several other partner institutes





# The IEE project EINSTEIN – II

June 2010 – October 2012



# The Project Team

13 partners, 10 countries:



energyXperts.net (co-ordinator)	ES
AEE – Institute for Sustainable Technologies	AT
Austrian Energy Agency	AT
Centre de Recherche Public Henri Tudor / Centre de Ressource des Technologies pour l'Environnement (CRTE)	LU
Cork Institute of Technology (Clean Technology Centre)	IR
Deutsches Institut für Normung e.V.	DE
Tecnoalimenti	IT
Zukunftsagentur Brandenburg	DE
Chamber of Commerce Drôme	FR
West Midlands in Europe	UK (BE)
Ruse University “Angel Kunchev”	BG
Chamber of Commerce and Industry Madrid	ES
Slovakian Cleaner Production Center	SK



# What is EINSTEIN II about?

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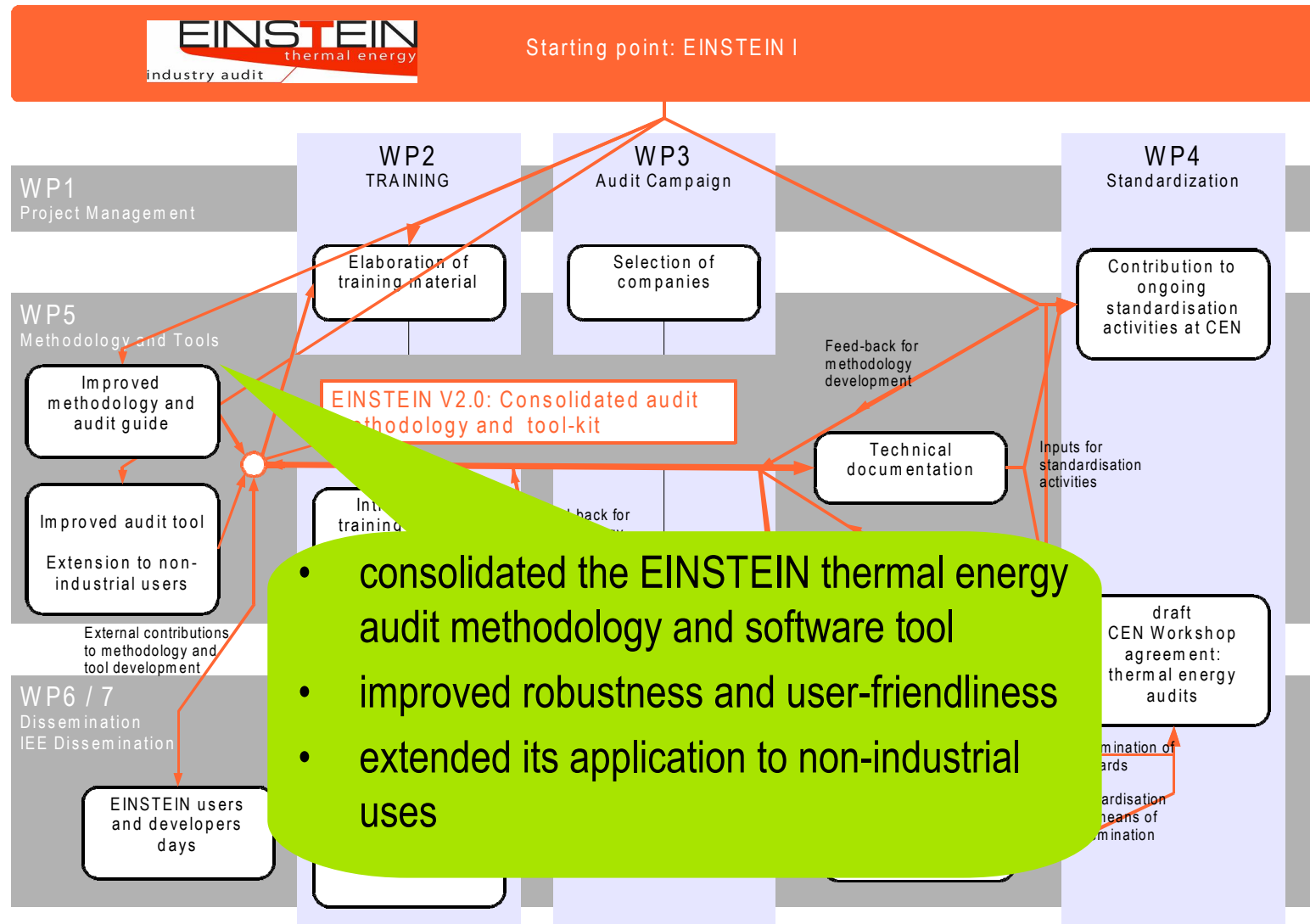
Contribute to a widespread implementation of integrated energy-efficient solutions:

- for thermal energy supply in industrial companies with a high fraction of low and medium temperature heat demand
- for non-industrial users of similar demand profiles, such as hospitals, commercial centres, large office buildings, district heating and cooling networks, etc.

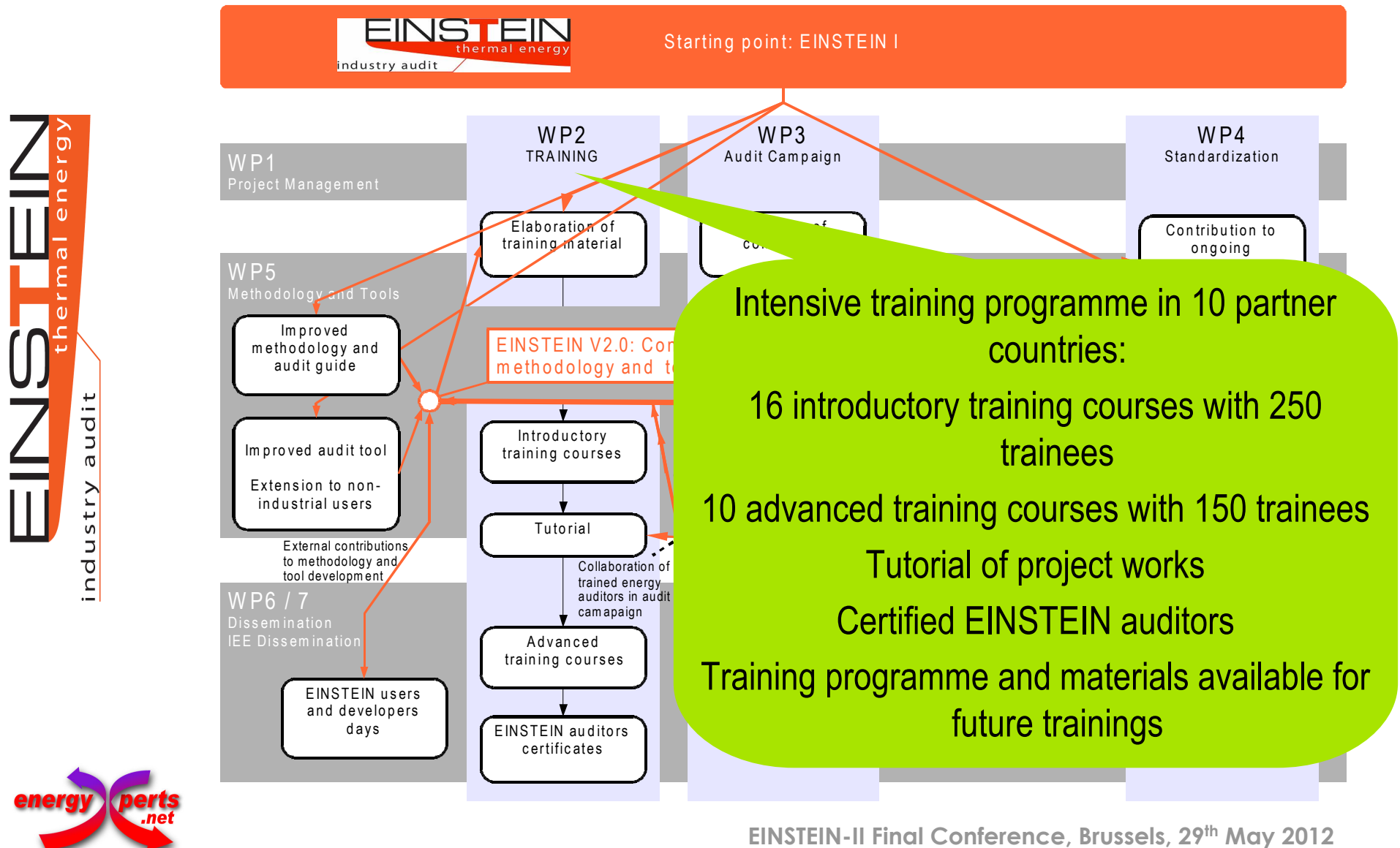
EINSTEIN  
thermal energy  
industry audit

# EINSTEIN-II flow chart

EINSTEIN thermal energy industry audit

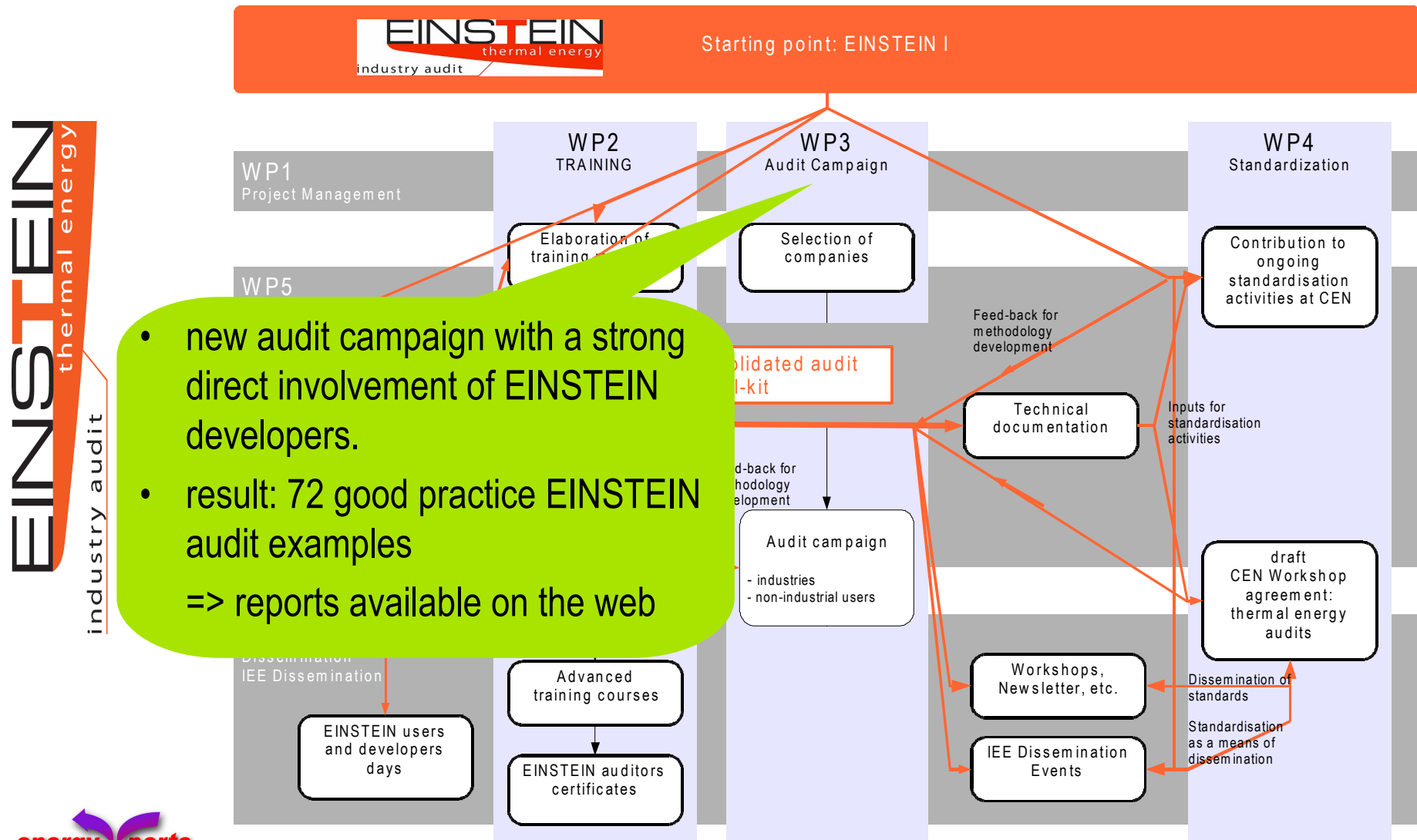


# EINSTEIN-II flow chart



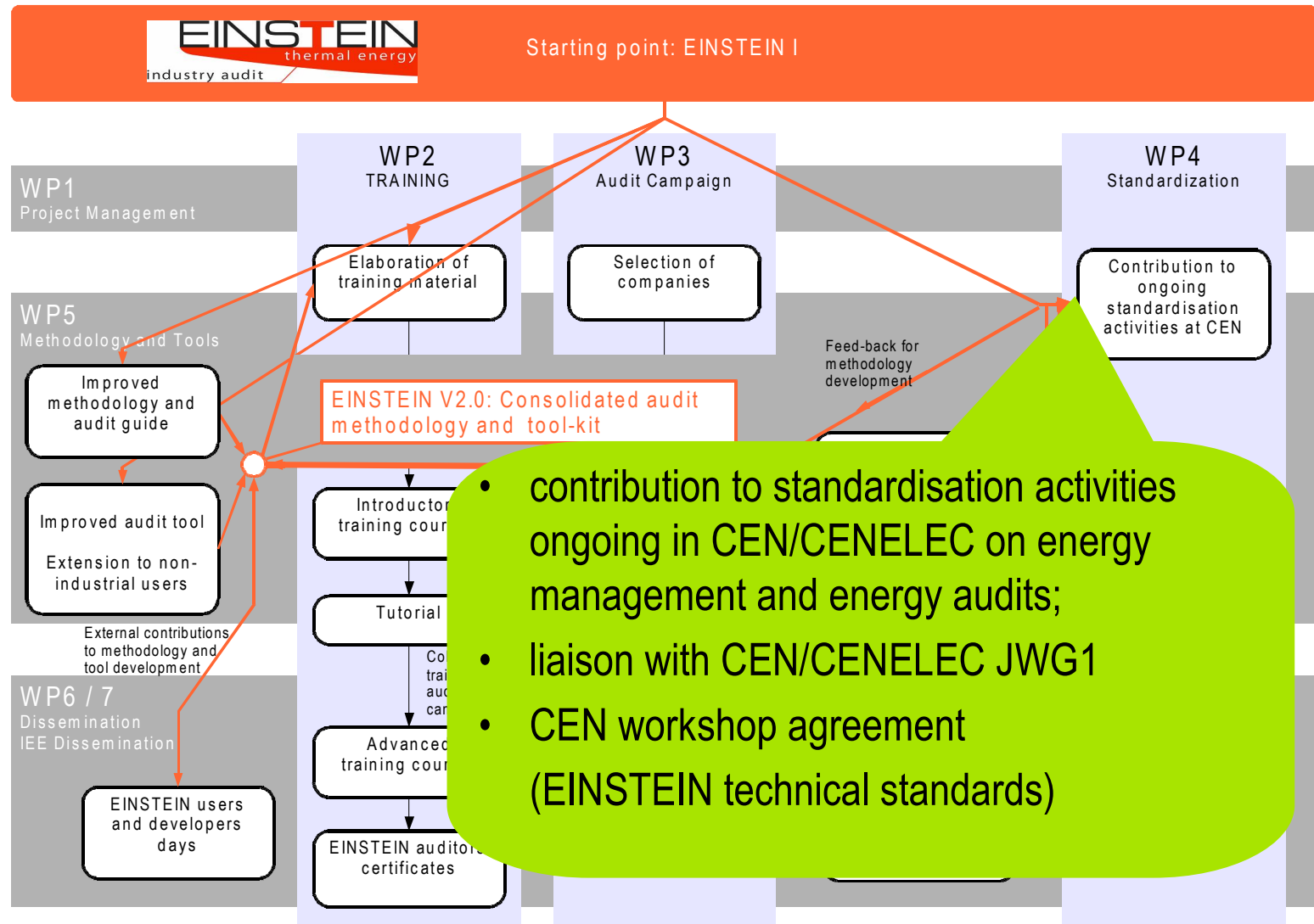


# EINSTEIN-II flow chart



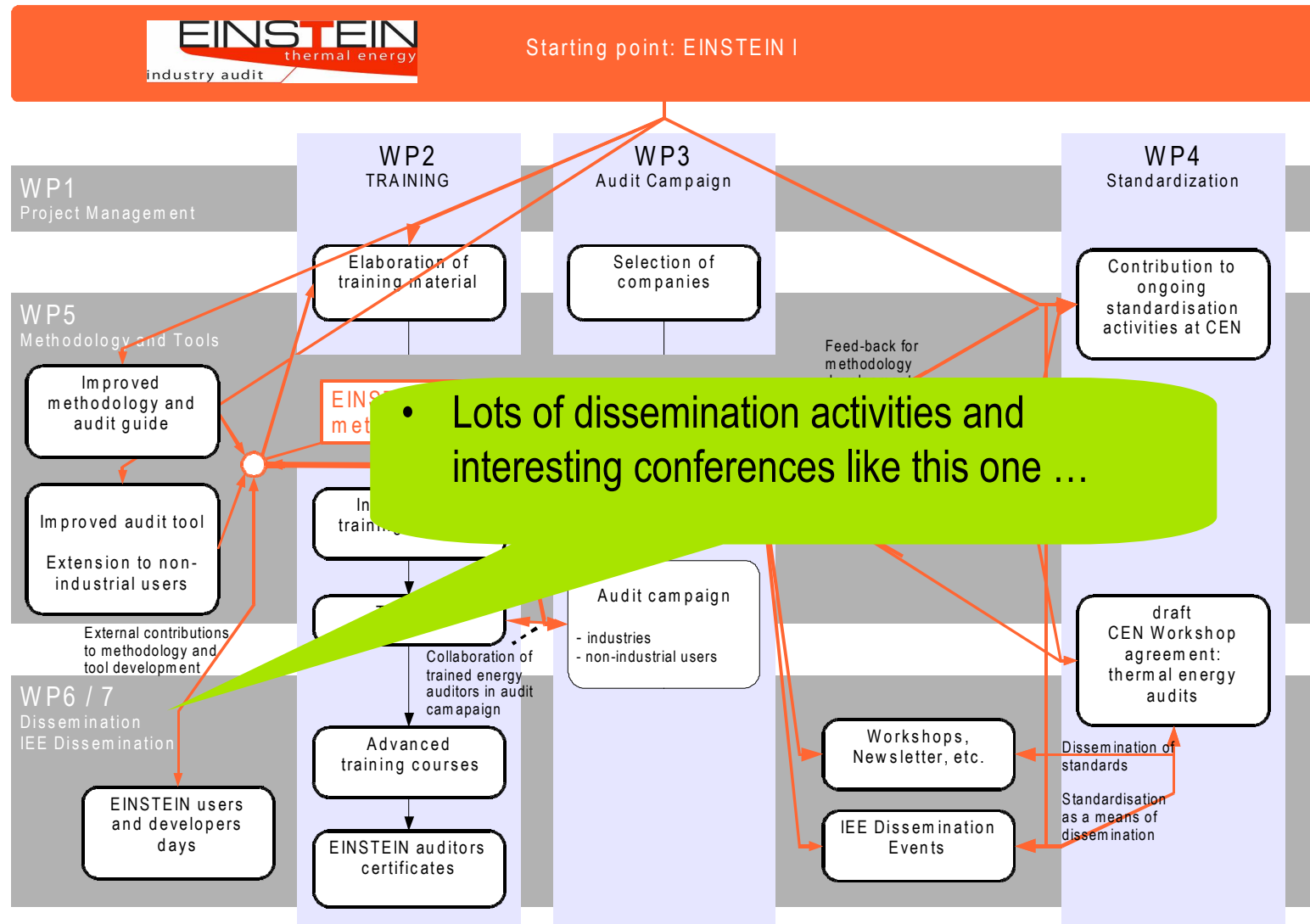
# EINSTEIN-II flow chart

EINSTEIN thermal energy industry audit



# EINSTEIN-II flow chart

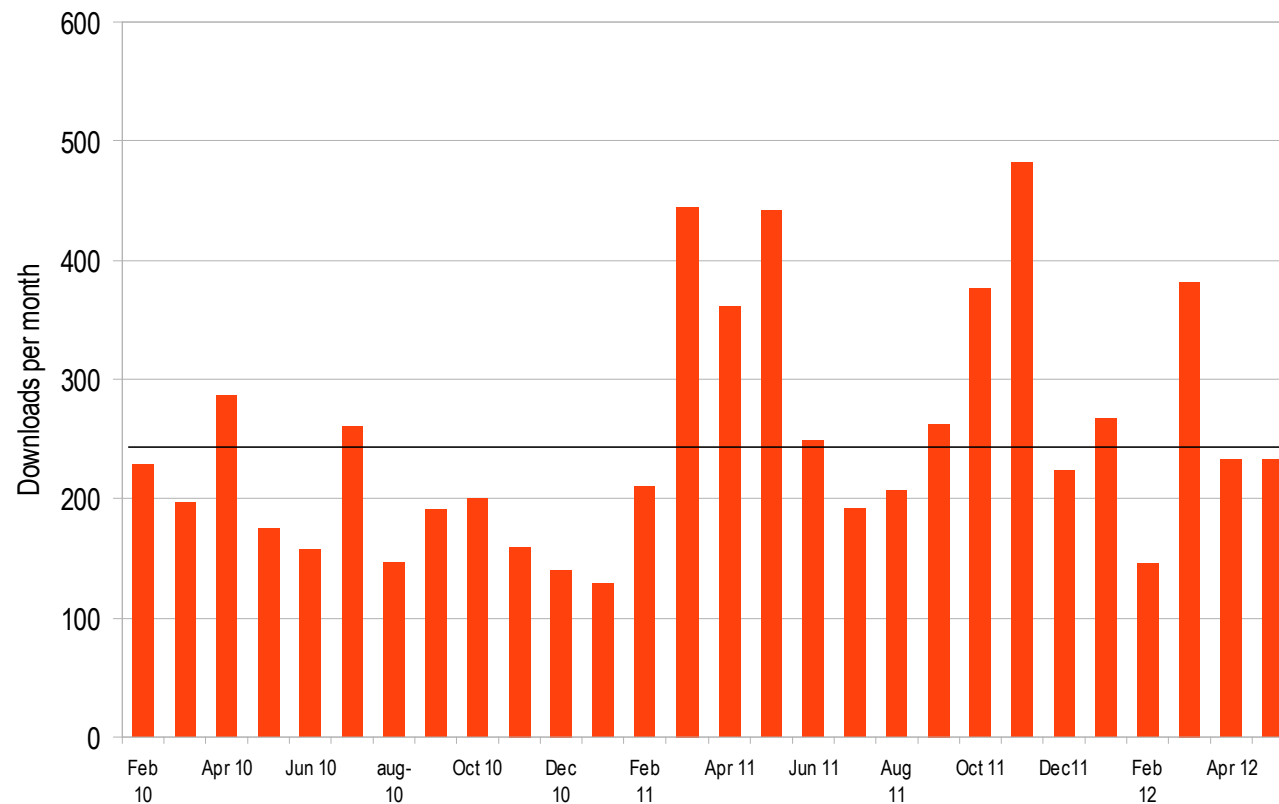
**EINSTEIN**  
thermal energy  
industry audit



# EINSTEIN users world-wide

Total of 11.231 downloads since first release in > 100 countries

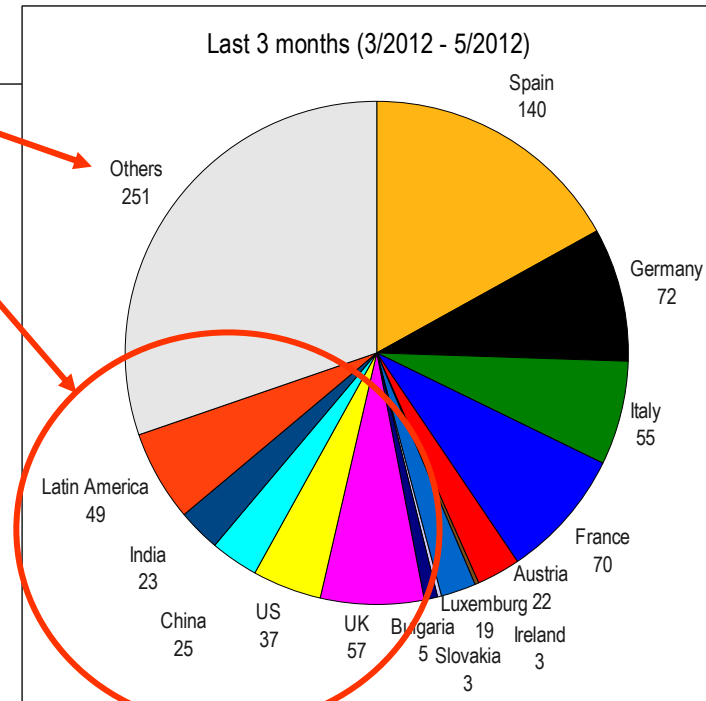
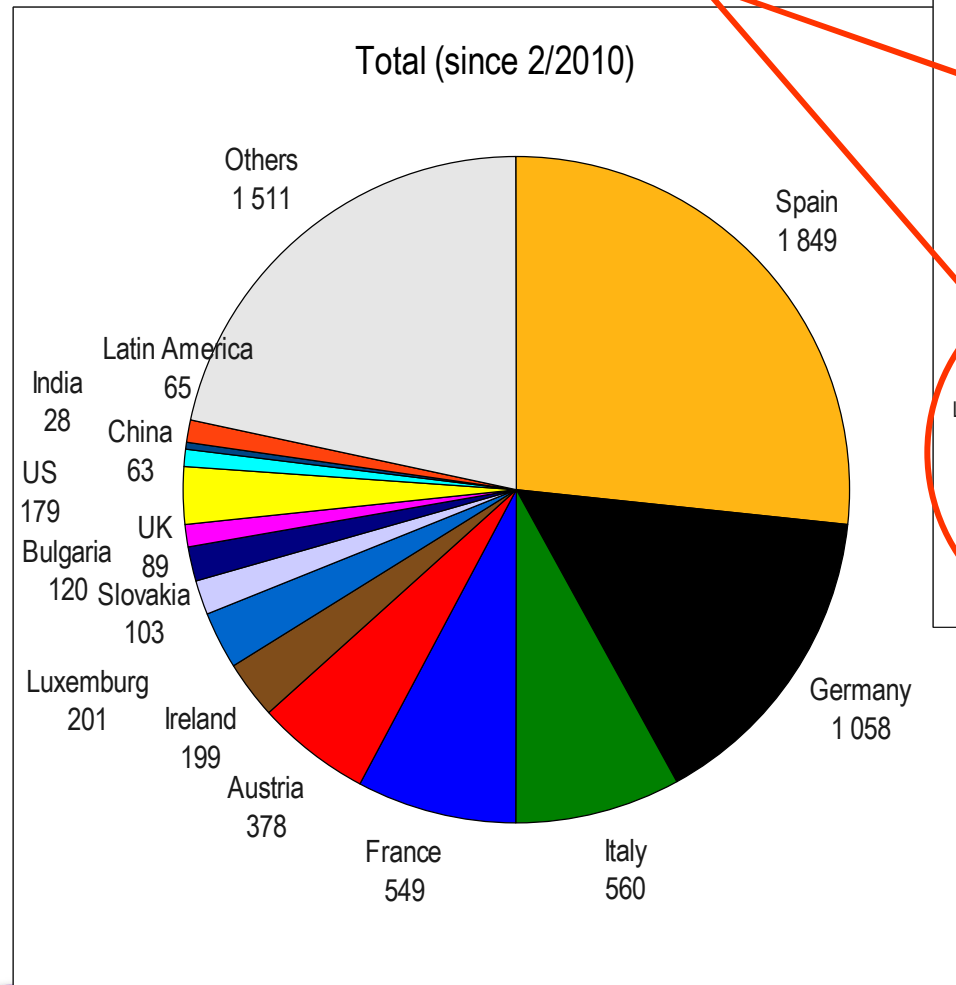
Currently average of 250 downloads / month



# EINSTEIN users world-wide

Increasing interest in new countries

**EINSTEIN**  
thermal energy  
industry audit



# Strategic (long term) objectives

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1. To convert the EINSTEIN Thermal Audit Methodology into the European Best-Practice Standard for Thermal Energy Auditing
2. To build a community of EINSTEIN users and developers

Tomorrow, 30<sup>th</sup> May: 1<sup>st</sup> EINSTEIN Users and Developers Day

Live streaming: [www.einstein-energy.net/events](http://www.einstein-energy.net/events)