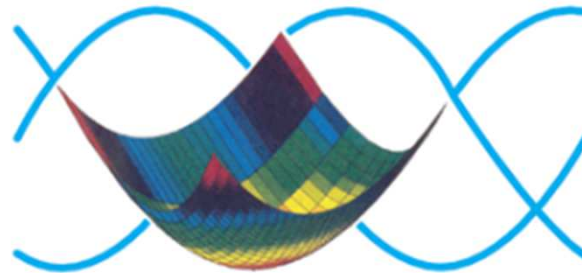


Workshop - Brussels- April 11, 2018

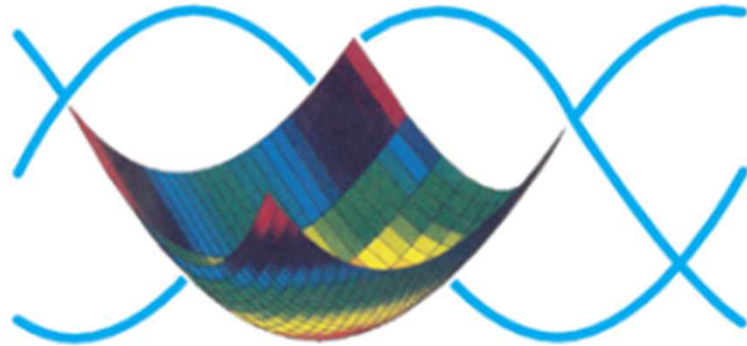
Building energy performance
assessment and quality assurance
based on in-situ measurements

DYNASTEET



**Interaction between IEA Annex 71,
CEN TC 89 WG13 and stakeholders**

DYNASTE



Network for

- **DYN**amic
- **A**nalysis
- **S**imulation and
- **T**esting of
- **E**nergy and
- **E**nvironmental performance of buildings

INTERNATIONAL NETWORK

INIVE

International Network for Information on Ventilation and Energy Performance



DYNASTEE

- operates under the umbrella of INIVE as an open platform for exchange of knowledge and experience
- facilitates ST5 Network of Excellence of IEA ECB Annex 71

COMMUNICATION

Dissemination by means of

- <http://dynastee.info/> Web-site
- Newsletters
 - 10 published so far
- Events
 - Webinars
 - Workshops
 - Summer Schools



COMMUNICATION

Web-site www.dynastee.info



The screenshot shows the homepage of the DYNASTEE website. The header features the DYNASTEE logo and tagline: "DYNAMIC Analysis. Simulation and Testing applied to the Energy and Environmental performance of buildings". A navigation menu includes Home, Network, Data Analysis, Events, Publications, and Contact. A search bar is located in the top right corner. The main content area displays a news item dated 11 April 2018, titled "Building energy performance assessment and quality assurance based on in-situ measurements". A highlights sidebar on the right lists recent newsletter issues and conference events.

★ 11 April 2018, Brussels – Building energy performance assessment and quality assurance based on in-situ measurements

In order to reduce the energy use of buildings, policy makers impose stringent requirements with regard to energy performance of new buildings and renovated buildings, and the use of renewable resources. Most compliance checks and labelling of the energy performances of buildings are done in the design phase by calculating the theoretical energy use. But, despite regulation and policy enforcements, monitoring of actual energy performances reveals in many cases a significant gap with theoretically designed targets. The currently observed performance gap, in combination with the increasing integration of innovative systems such as intelligent elements, low energy technologies, active solar systems, ... accentuate the need to

Highlights

- DYNASTEE newsletter issue 2018/10 now available
- 25 June, 2018 | 1st European conference "BIM and energy performance of buildings"
- 11 April 2018, Brussels – Building energy performance assessment and quality assurance based on in-situ measurements
- DYNASTEE newsletter issue 2017/9 now available

About DYNASTEE

Summer School Level 2

- Dates: 10-14 September 2018
- Venue: ALMERIA University and Plataforma Solar: www.psa.es
- Cost: 450€ (- 50% INIVE members)



EBC



Annex 71



Thanks to:



PARTNER OF

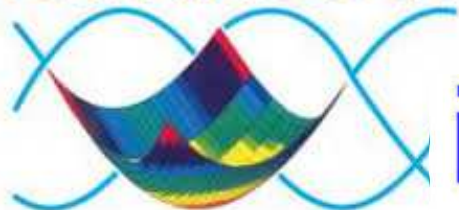
infobeton.be



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DYNASTEE



INIVE

Programme

9:00 Welcome to the workshop - Luk Vandaele (DYNASTEE)

9:05 Annex 71: Status of the project after the expert meeting

– Staf Roels (KULeuven, Operating Agent Annex 71)

9:30 Session 1 – Assessment and assurance of energy consumption in the building sector

Standards dealing with quality aspects for in-situ measurement of the

energy performance – Richard Fitton (Salford University and CEN TC 89 WG 13)

Panel discussion with Ross Holleron (Knauf Insulation) and Guillaume Pandraud (Isover

Saint-Gobain) moderated by Hans Bloem (DYNASTEE, JRC)

Questions and views from the audience

10:45 Break

11:15 Session 2 – On site measurements in the context of the regulatory assessment of the energy performance of new buildings

What are challenges and opportunities when using measured consumption (and

indoor climate data) for compliance checks in EPBD context? – Peter Wouters (BBRI, INIVE)

Energy performance assessment of buildings using measurements: experience from smart meter data analysis – Eline Himpe (Ghent University)

Role play on enforcement aspects in case of non-compliance – Peter Wouters

Questions and views from the audience

12:30 Closing session – conclusions by Staf Roels and Liesje Van Gelder (BCCA)

13:00 End of the workshop