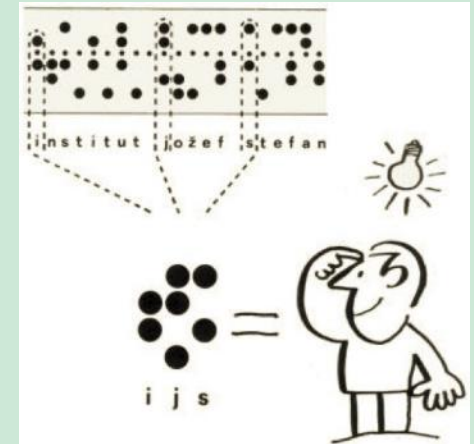


Summary of the first day and brief overview of next sessions

**Boris Sučić, JSI – EEC, Ljubljana,
Slovenia**

TIMEPAC-21 International Workshop, Ljubljana, December 14-15, 2021

The Stefan-Boltzmann law *states*
that the energy flux density by a
blackbody:



$$j = \sigma T^4$$

$$j = \text{⬤⬤⬤⬤} T^4$$

TIMEPAC-21 International Workshop

Summary of the first day, one and a half sessions, 13 presenters (Austria, Belgium, Croatia, Cyprus, Greece, Italy, Slovenia and Spain), 53 participants

The second day - 11 presenters

Session 1 - Legislative context and requirements for deep renovation of EU building stock

Session 2 - Enhancement of EPCs with the integration of other data sources

Session 3 - Managing of active buildings and the use of innovative technologies in order to enable smart energy services

Session 1 - Legislative context and requirements for deep renovation of EU building stock



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Session 2 - Enhancement of EPCs with the integration of other data sources



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Session 2 - Enhancement of EPCs with the integration of other data sources

- 9.30 - 9.50:** Innovative performance indicators for next generation EPC developed within H2020 X-tendo project - **Jan Verheyen, Unit Smart Energy and Built Environment, VITO, Belgium**
- 9.50 - 10.10:** A platform to integrate city's building energy information with public data - **Álvaro Sicilia, Leandro Madrazo, ARC Engineering and Architecture La Salle, Spain**
- 10.10 - 10.30:** Hourly simplified calculation to identify cost-optimal energy requirements for the Italian building stock - **Matteo Piro, Department of Energy "Galileo Ferraris", Politecnico di Torino, Italy**

Session 3 - Managing of active buildings and the use of innovative technologies in order to enable smart energy services

- 10.30 - 10.50: Smart energy services for buildings: ebalance-plus and AICREDITS technologies - **Gloria Calleja, CEMOSA, Spain**
- 10.50 - 11.10: H2020 REPLACE - Advanced models and approaches for making heating and cooling more efficient, economically resilient, clean and climate-friendly - **Gašper Stegnar, Jožef Stefan Institute - Energy Efficiency Centre, Slovenia**
- 11.10 - 11.30: Challenges in deep renovation of buildings - from the idea to complex simulation model - **Marko Bišćan, Energy Institute Hrvoje Požar, Croatia**
- 11.30 - 12.00: Coffee break and networking

Session 3 - Managing of active buildings and the use of innovative technologies in order to enable smart energy services

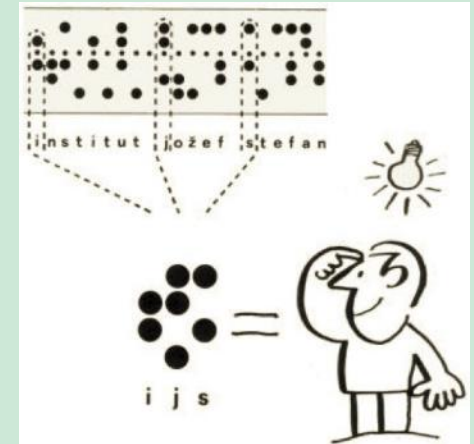
- 12.00 - 12.20:** H2020 CREATORS - Local energy communities as a platform for sector coupling and connecting industry with the neighbouring communities - **Boris Sučić, Jožef Stefan Institute - Energy Efficiency Centre, Slovenia**
- 12.20 - 12.40:** Lessons learned and future challenges in application of European Local ENergy Assistance (ELENA) - case study Primorska, Slovenia - **Rajko Leban, Goriška local energy agency - GOLEA, Slovenia**
- 12.40 - 13.00:** The Energy Performance Certificates in Catalonia and the Grants for Building renovation - **Ainhoa Mata, Catalan Energy Institute - ICAEN, Spain**
- 13.00 - 13.20:** Streamlining savings from BACS within the EED framework (H2020 StreamSAVE) - **Kelsey van Maris, VITO/Energyville, Belgium**
- 13.20 - 13.30:** Discussion and wrap-up of the Session 3

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