Dear Ladies and Gentlemen,

As project manager of the project **IES – Integrating the Energy System** and Managing Director of the Technology Platform Smart Grids Austria I am pleased to invite you to the first

<p style="text-align:center">Connectathon Energy
April, 16th to 20th 2018
The Hague, The Netherlands.</p>

Interoperability is essential for the success of the energy transition. The objective of the project IES is the implementation of a vendor-neutral and cooperative methodology to ensure interoperability in smart energy systems. One project result is a detailed documented process for the normalised usage of existing standards in smart electrical distribution grids.

The project initiates a cross-sector knowledge exchange on proven practices with representatives from the healthcare sector. In health care, the initiative **IHE - Integrating the Healthcare Enterprise** has established an ISO certified process for cooperatively developing 'integration profiles' to address well defined use cases. At yearly 'IHE Connectathon' test events the developers test the implementation of integration profiles in software prototypes for interoperability as well as conformity with the standard.

The one-week **IHE European Connectathon 2018** will take place along with **Weekonnect**, a three-days conference (April, 17th to 19th 2018) on secure and reliable data exchange in healthcare and other sectors. At IHE Connectathon, over 300 developers from software vendors will be testing the interoperability of their health information systems face-to-face.

IES designs procedures and test tools based on existing IHE modules and functionalities applicable for smart energy systems. Interoperability and conformity tests will be demonstrated for the energy sector for the first time at **Connectathon Energy** during the IHE Connectathon. Please find the preliminary additional conference programme 'Energy' hereafter.

If you are interested in joining our delegation or want to tell us about your interoperability pain, please contact me via e-mail or telephone. I will keep interested parties up to date regarding the conference programme & registration details.

Yours sincerely,

Angela Berger

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Project Details
IES – Integrating the Energy System
Homepage: www.iesaustria.at
Webinar: https://www.etip-snet.eu/events/etipsnet-webinars/

Tuesday, April, 17th 2018 – IHE Symposium

09:00 – 10:30	**Strategic Updates by IHE-Europe and the European Commission**
10:30 – 12:30	**Deployment Best Practices**
Afternoon	**Open Session & Panel Discussion**

The IHE Symposium on Tuesday is open to all Connectathon visitors. The introduction features presentations from IHE-Europe, discussing activities, progress and plans and the European Commission discussing the EC initiatives and implementations. Key projects from the Netherlands and several Pan-European projects will be presented. IES hosts a session on interoperability in the energy sector and the synergies with healthcare. There will be the opportunity to register for a social evening event. **Program details to be announced.**

Wednesday, April, 18th 2018   and   Thursday, April, 19th 2018 – Energy

9:00 – 10:30   **Interoperability in the smart energy domain: an overview**
In this session the project team provides you with an introduction to the IES project. You will learn how interoperability processes and the experience from IHE can support the path towards interoperability in smart energy systems. There will be time for open discussions.

Audience: energy related and generally interested audience

10:45 – 12:15   **Energy sector integration profiles in practice**
In this session the project team introduces the methodology adapted by IES and shows the Technical Framework (TF) including the interoperability profiles for the use case 'Virtual Power Plant (VPP)' developed in the IES project. There will be time for open discussions.

Audience: energy related & technical audience, prior attendance of IES-WS1 recommended

13:15 – 14:45   **Interoperability for power grid operators**
This session is dedicated to business processes for grid control and the interoperability requirements. A candidate set of actors and transactions will be discussed and agreed on. These will be further specified in interoperability profiles suitable for grid operators. The starting point will be the use case "Interface between DSO and VPP". There will be time to discuss other use cases.

Audience: energy related audience, grid operators, executives, interested parties, prior attendance of IES-WS1 recommended

15:30 – 17:00   **Interoperability in YOUR business domain: 'bring your own use case'**
The IES team starts with short key notes on healthcare, industry 4.0 and the publishing sector. This session then interactively explores interoperability requirements in other sectors. Interested delegations are encouraged to pre-arrange the session with the project team for their specific business domain. We will discuss use cases introduced by the session participants and sketch business domain overviews to capture interoperability requirements.

Audience: interested audience, executives, delegations from other sectors, e.g. transport/publisher/Industry 4.0/government, prior attendance of IES-WS1 recommended

The conference and all workshops will be held in **English**. Free access to the Connectathon Energy area will be granted via guided tours for all interested parties and our experts will be available for demonstrations of the interoperability tests throughout the IHE Connectathon.