



# Green Computing in EGI-ACE

Introduction

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EGI Foundation

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- **Green Computing activities are part of EGI-ACE T7.2**
  - Identifying, developing and applying best practices among partners including measures for reducing energy consumption
  - Achieving alignment and disseminating knowledge across as many resource providers as possible
- **GC Task Force created in Dec 2021**
  - Outcome of survey conducted in 2021 Q3
  - 16 initial members, currently 25
  - Monthly meetings (regular T7.2 and GC TF)
  - <https://confluence.egi.eu/display/EGIBG/Green+Computing+Task+Force>

- **Actions coordinated by GC TF**

- **Webinar on Green Computing**

- “How green is my infrastructure?” – 30 March 2022
- 35 attendees
- 9 countries

- **Collection of resources**

- <https://confluence.egi.eu/display/EGIBG/GC+Signposting>

- **Preparations of survey on software efficiency**

- **Mini-workshop at EGI2022**

- Currently on...



<b>Introduction</b>	<i>Catalin Condurache</i>
<i>Ruby I, II, Vienna Andel Prague</i>	15:30 - 15:40
<b>Identifying the impact of policy decisions on energy consumption in the Energy Data Centre</b>	<i>Catherine Jones</i>
<i>Ruby I, II, Vienna Andel Prague</i>	15:40 - 16:00
<b>Jisc Industrial Internet of Things (IIoT) &amp; Building Management Services (BMS) PoC with Honeywell Forge</b>	<i>Paul Stokes</i>
<i>Ruby I, II, Vienna Andel Prague</i>	16:00 - 16:15
<b>Moving to a more eco-friendly data center in France: possibilities and constraints</b>	<i>Jerome Pansanel</i>
<i>Ruby I, II, Vienna Andel Prague</i>	16:15 - 16:30
<b>Q&amp;A session</b>	
<i>Ruby I, II, Vienna Andel Prague</i>	16:30 - 17:00

- **Actions coordinated by T7.2 and GC TF**
  - **Survey on GC status across EGI-ACE**
    - A re-run of previous survey to record progress, developments
    - Please respond – <https://ec.europa.eu/eusurvey/runner/T72GCrun2>
  - **Survey on software efficiency**
    - Please respond – <https://ec.europa.eu/eusurvey/runner/T72GCSoftware>
  - **Exploratory discussions with (external) partners on an *Energy Efficiency and Sustainability at Data Centres* framework**

- **Today's talks**

- "Identifying the impact of policy decisions on energy consumption in the Energy Data Centre"
  - Catherine Jones (Energy Research Unit, Technology Department, UKRI/STFC)
- "Jisc Industrial Internet of Things (IIoT) & Building Management Services (BMS) PoC with Honeywell Forge"
  - Paul Stokes (JISC UK)
- "Moving to a more eco-friendly data center in France: possibilities and constraints"
  - Jerome Pansanel (IPHC, CNRS)
- **Also Q&A session**
  - Sagar Logas (SURF) and Shaun de Witt (UKAEA) will join the panel



Contact us

# Let's talk. Or meet in person

Get in touch with us

[contact@egi.eu](mailto:contact@egi.eu)