

# Sustainability

...and what can DESY do about it

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# SUSTAINABLE DEVELOPMENT GOALS





- **10: Reduced inequalities**

- Outreach activities targeted at people without scientific background (Wissen vom Fass)
- Promote outreach for children – Masterclasses, intervention in local schools
- We (and you) need time to engage, within our working groups (and outside)

- **7 & 9 & 11: Affordable and clean energy & Industry, innovation and infrastructure & Sustainable cities and communities**

- Use produced heat from the computing farm for heating infrastructure
- Energy recovery from accelerators: tell locals “your energy is coming from DESY”
- Installation of solar panels
- Promote experimental research, such as CO<sub>2</sub> capture ?



- **15: Life on land**

- Use of more green space – roofs, walls
  - Improvement in insulation (reduced need for cooling in summer)
  - Aids biodiversity

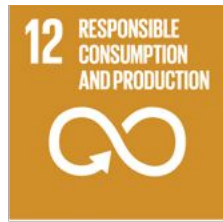
- **16: Peace, justice and strong institutions**

- Several political statements by DESY directorate in recent past
  - DESY should strive for bigger inclusiveness when making statements
  - Ensure that groups of people do not feel completely excluded by the statement

- **17: Partnership**

- Travelling in Europe: “prefer train over plane”, but plane often less expensive than train
- Partnership with DB to reduce train costs?





- **12: Responsible consumption and production**

- Food: reduce waste, local origin (ensure this with Alster Food for Hamburg, DESY directly for Zeuthen)
- Green energy provider

- **13: Climate action**

- Reduce energy consumption
- Reduce usage of greenhouse gases used in experiments, recycle if possible.
- Improve awareness of climate footprint
  - <https://limesurvey.web.cern.ch/863499>
    - Know your Footprint poll [arxiv:2403.03308]: professional
    - CO2-rechner: [https://uba.co2-rechner.de/en\\_GB/](https://uba.co2-rechner.de/en_GB/)
  - Use the screens we have (also, shut them down for night!)
- Commit to 0 net-emissions

