State of the LOCOS

September 2023
Wim Vanderbauwheede
locos (noun): lunatics
Looking back
Theme activities in the past year

• Learning and teaching
• Research
• Projects
• Outreach
• New members
Learning and teaching
L&T-related activities

• Lauritz became the School’s Sustainability Subject Advisor.

• Thanks to Matt (and Derek, and Waqar), the GA became the first UoG programme with Sustainability Aims and ILOs.

• Lauritz has now finished the implementation of Aims and ILOs for all of the School’s Hons/MSci undergraduate programmes, thanks to Tim, John W and Phil.

• More colleagues are incorporating sustainability into their course materials. Ask Lauritz or me if you need advice.
Other research-related activities

- Glasgow Carbon-Conscious Computing (GC3) lab
- Anyone else?
Research-related activities

- Last year’s seminar series had 16 speakers
- Tim convinced Barclays to fund to Sustainability-related PhDs
- Colin co-organised the 1st IAB/IETF workshop on “Environmental Impact of Internet Applications and Systems”
- Lauritz is leading a LOCOS team on a book chapter “Energy-Aware Workflow Execution”
Projects and proposals
Research projects and proposals

- UKRI DRI Net Zero Scoping Project (Ole, me)
- EPSRC CDT bid “Computing and Electronics for a Sustainable Society” (failed)
- EPSRC call “Research for a digitally enabled circular economy and sustainable digital technologies” (outline stage)
Other projects and proposals

• Anyone, anything?
Outreach
Outreach

• Laura and Waqar starred in a media campaign to promote LOCOS, in collaboration with the BCS.

• In total, 30,000 views, 60,000 impressions
```
// Some comments here...

#define SOME_MACRO

int main() {
    // Code here...
    return 0;
}
```

// More code here...

```
Other outreach

- Anyone, anything?
LOCOS
lecturers
Lectures in Low Carbon and Sustainable Computing

- Nikela Papadopoulou and Paul Harvey will join the School in the new year, as the School’s first lecturers in Low Carbon and Sustainable Computing
Looking forward
Plans

• Finish what we started
• More speakers
• More LOCOS research please
• Thoughts, ideas?
Thank you!