

Open University of the Netherlands
Centre for Learning Sciences and Technologies

Wim Westera, Programma Director of Learning Media

Centre for Learning Sciences and Technologies
celstec.org



The Open University of the Netherlands

1. Distance education
2. About 19,000 students
3. 700 staff (250 academic staff)
4. Towards an Internet university



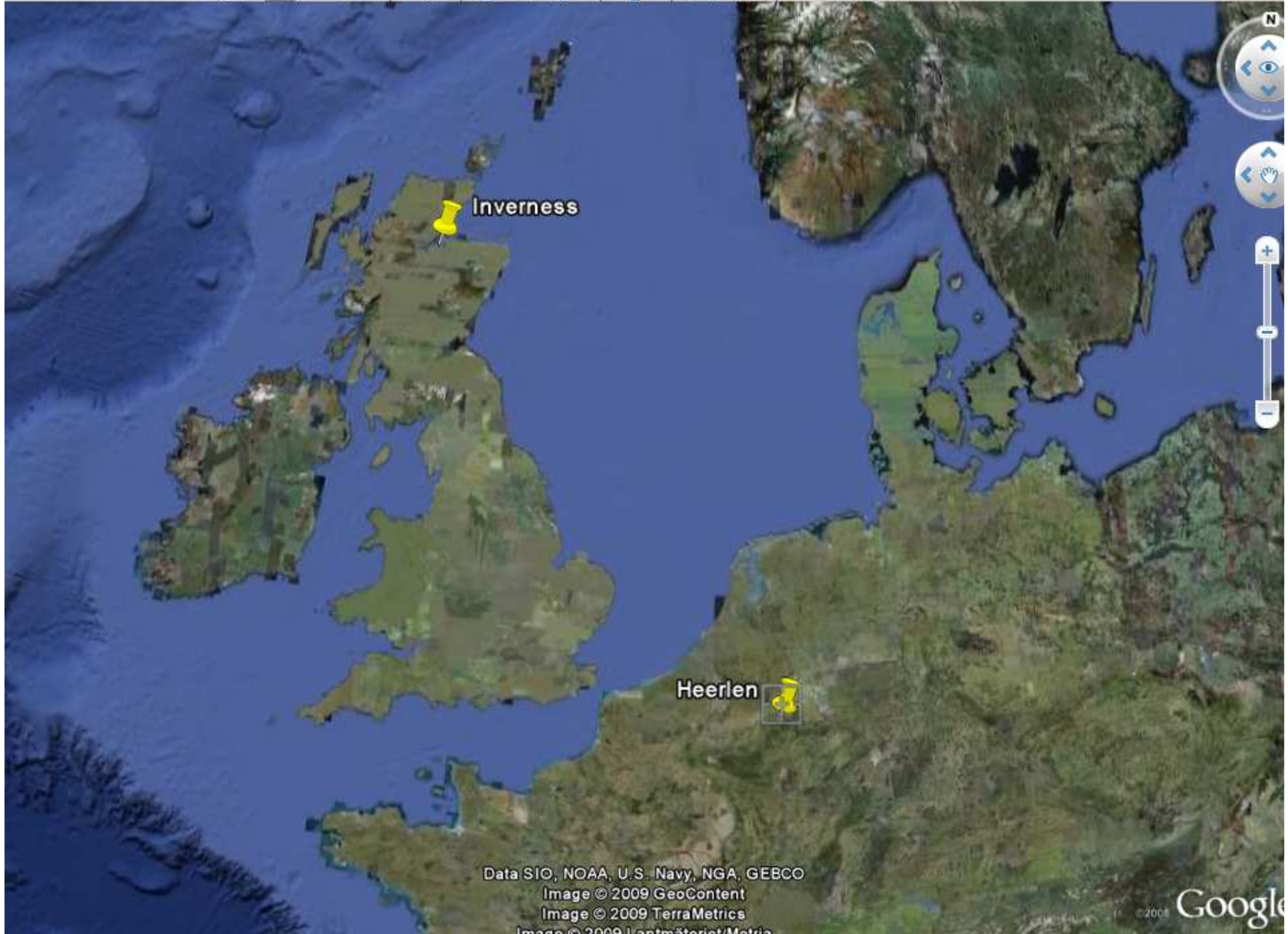
CELSTEC
celstec.org





CELSTEC
celstec.org





CELSTEC

- Centre for Learning Sciences and Technologies
- Budget M€ 7 (40% external funding)
- ± 100 fte scientific staff; 10 fte support staff
- Highly international staff: official language English



CELSTEC
celstec.org



Profile of CELSTEC

- Key player in European technology-enhanced learning
- Pedagogy rather than technology
- Combining research and practice:
 - Research
 - Technology development
 - Solutions
 - Education&Training



CELSTEC
celstec.org



Main themes

- Informal and distributed learning in Learning Networks
 - Professional development
 - Learning network services
 - Professional communities
- New media technologies for education
 - Immersive media
 - Social media
 - Mobile media
- Cognitive principles
 - Learning tasks
 - Learning arrangements
 - Learning assessments



CELSTEC
celstec.org



Some key projects internal OUNL

- EMERGO serious gaming: toolkit & methodology
- ESPACE arrangement of peer coaching
- OUNL pedagogical model
- VLE reconsiderations
- Course pretesting Basic university teacher accreditation
- SEIN semi-automated course evaluation system
- IMS LD-based (EML) course testing
- Online testing QMP
- Online tutoring (Elluminate, Adobe Connect)
- Quality metrics for accreditation
- Periodic surveys amongst learners and teachers



Some external key projects

- TenCompetence: EU infrastructure for lifelong learning
- Skills Labs: Web-based serious gaming
- Sharetec, OpenScout: Learning content harvesting
- Mace: Learning content metadata
- I-Coper: Educational systems interoperability
- Grapple: Adaptive and personalised media
- Contextual support of social engagement and reflection
- Learner navigation support through social recommendation
- Dynamic task selection for flexible training
- Information problem solving
- Ad hoc transient communities



CELSTEC Laboratory

- Open innovation policy
- Knowledge hub
- Joint experimentation



CELSTEC
celstec.org



Co-operation with UHI

We help improving usability and utilisation of UHI's technical (networked) services by:

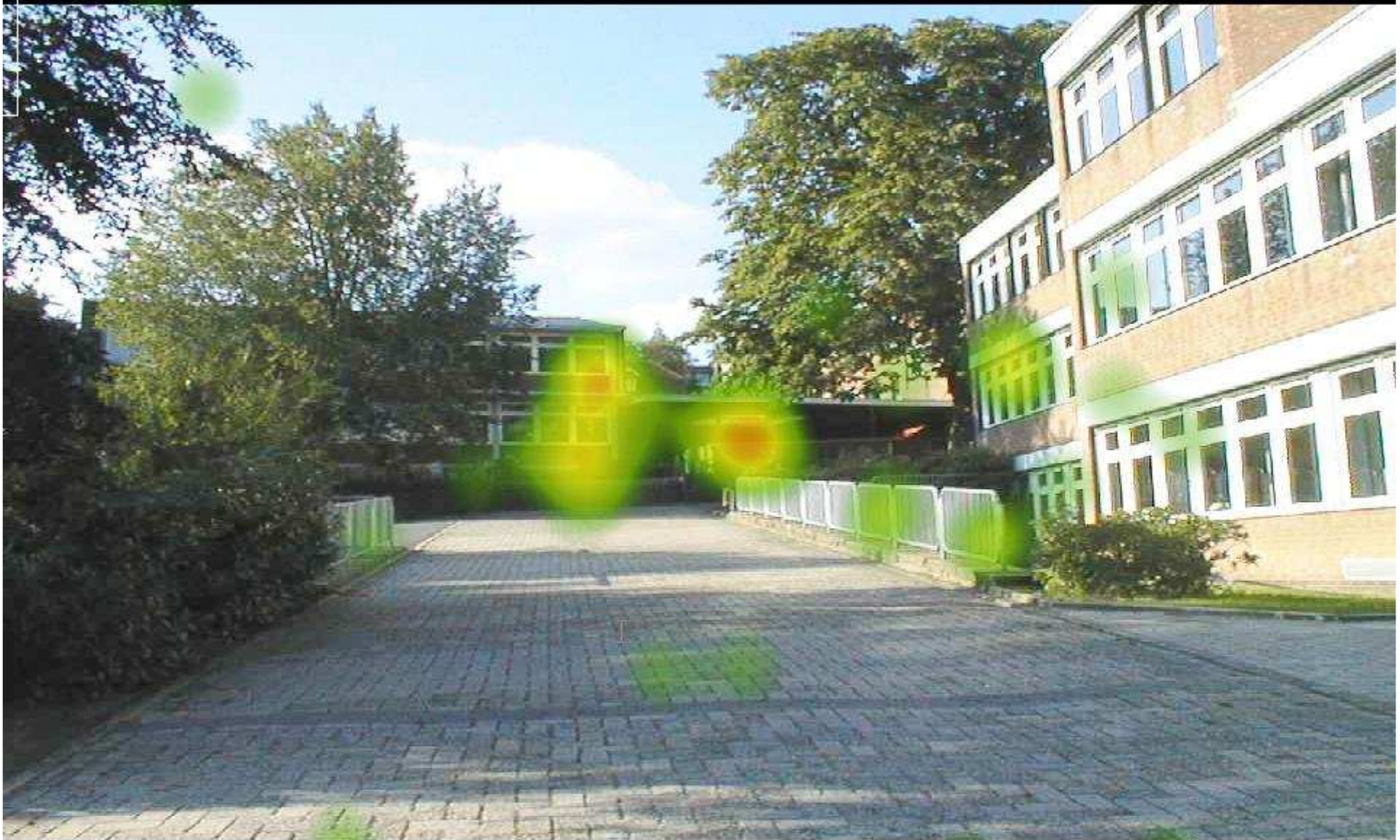
- Collecting practical evidence: organisational and user data
- Proposing and co-designing improvements
- Help define user-centred framework for sustainable QA
- Being involved in dissemination, workshops etc.

Also by

- Not taking over
- Third party view/independence
- We discuss rather than impose
- Involving people

CELSTEC
celstec.org





PDA

locaties

stage begeleider

directeur

intern begeleider

leerkracht

gymzaal

hal

toetsruimte

IB-er in actie

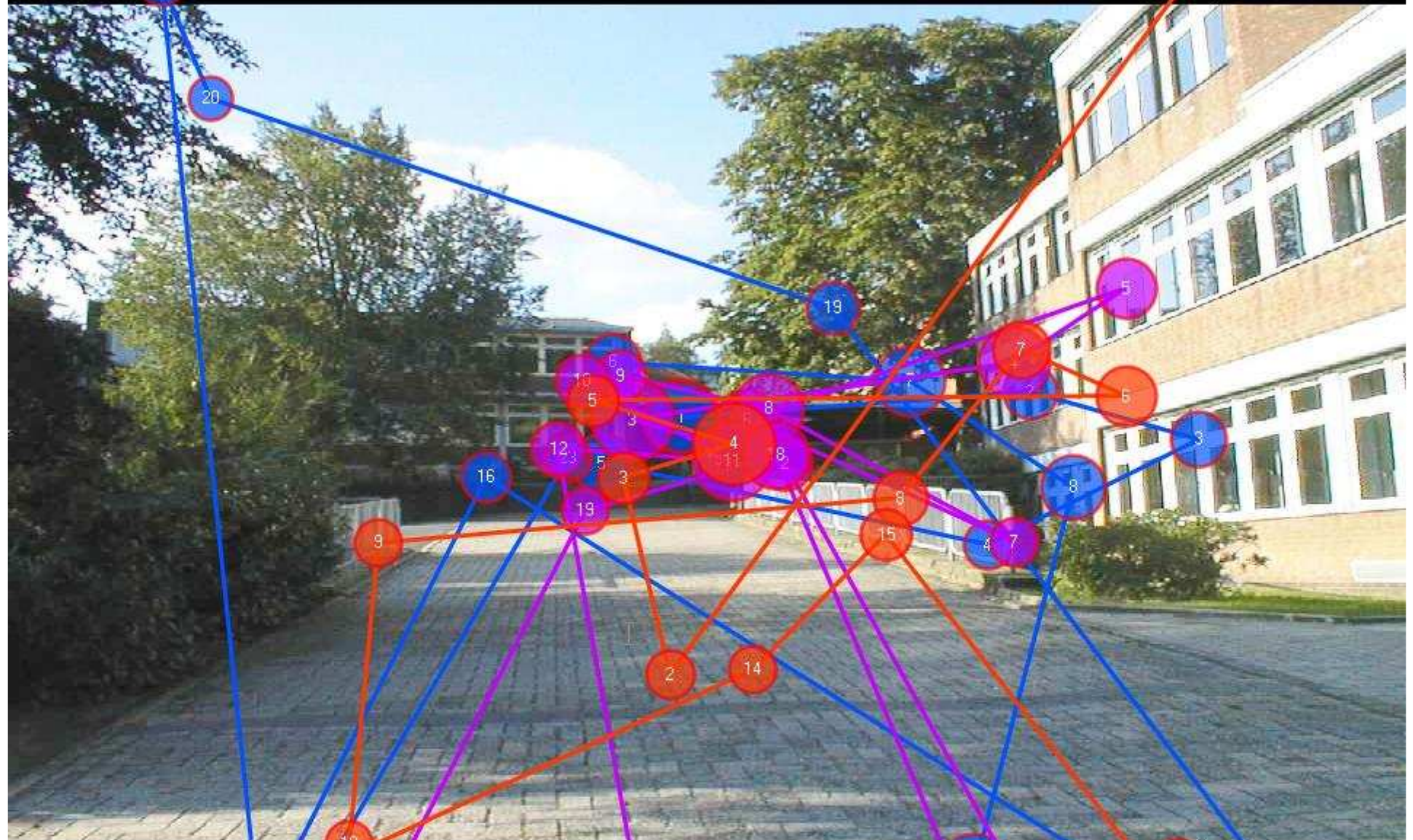
schoolplein

taakoverzicht

»»



schoolplein



PDA

locaties

23

22

21

18

20

11

13

10

17

16

18

schoolplein

leerkrachten

over

taak

10

aanne

IB-er in

actie

9

schoolplein

1

17

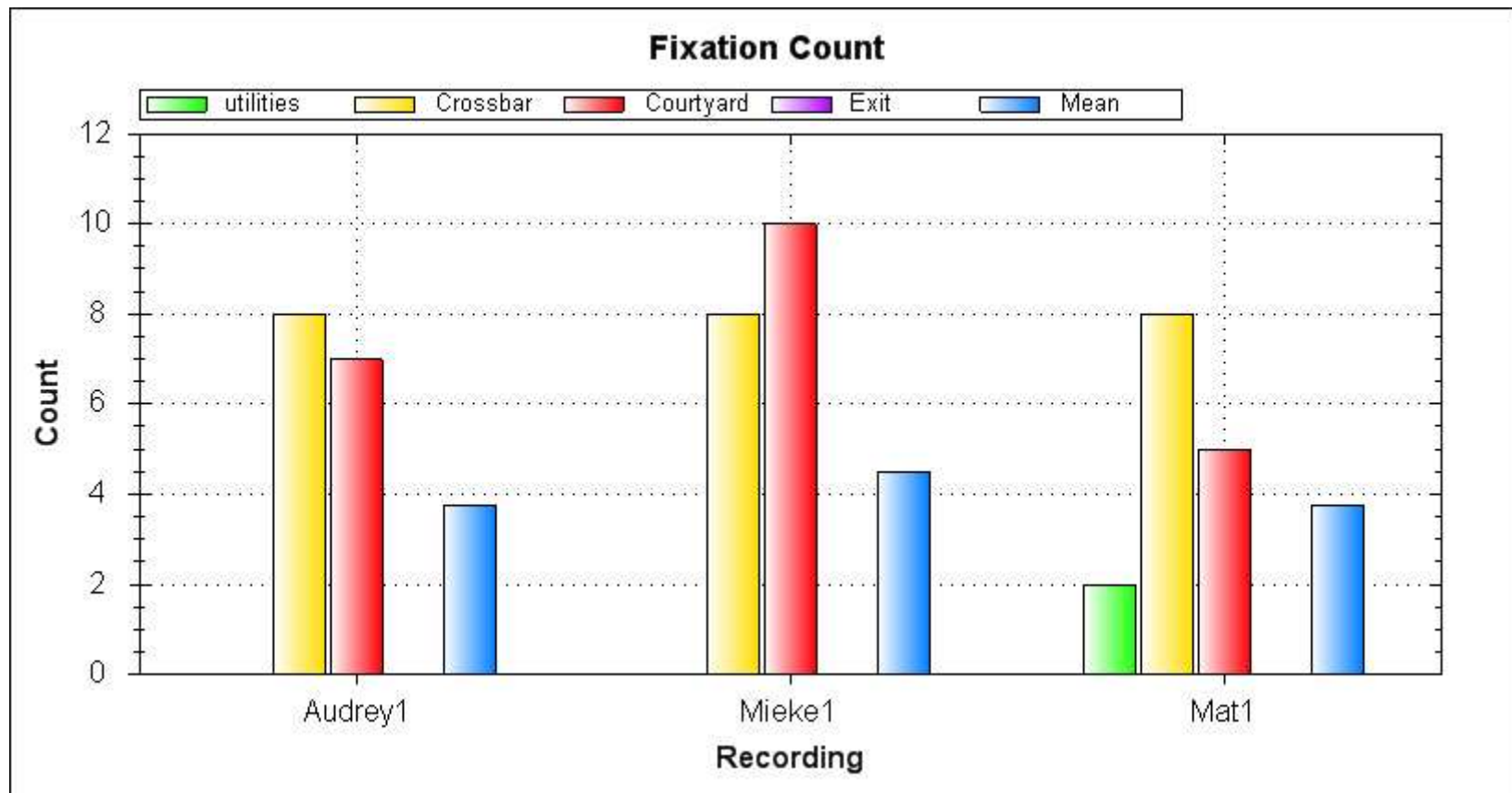
1

18

taak

18

richt





CELSTEC
celstec.org

