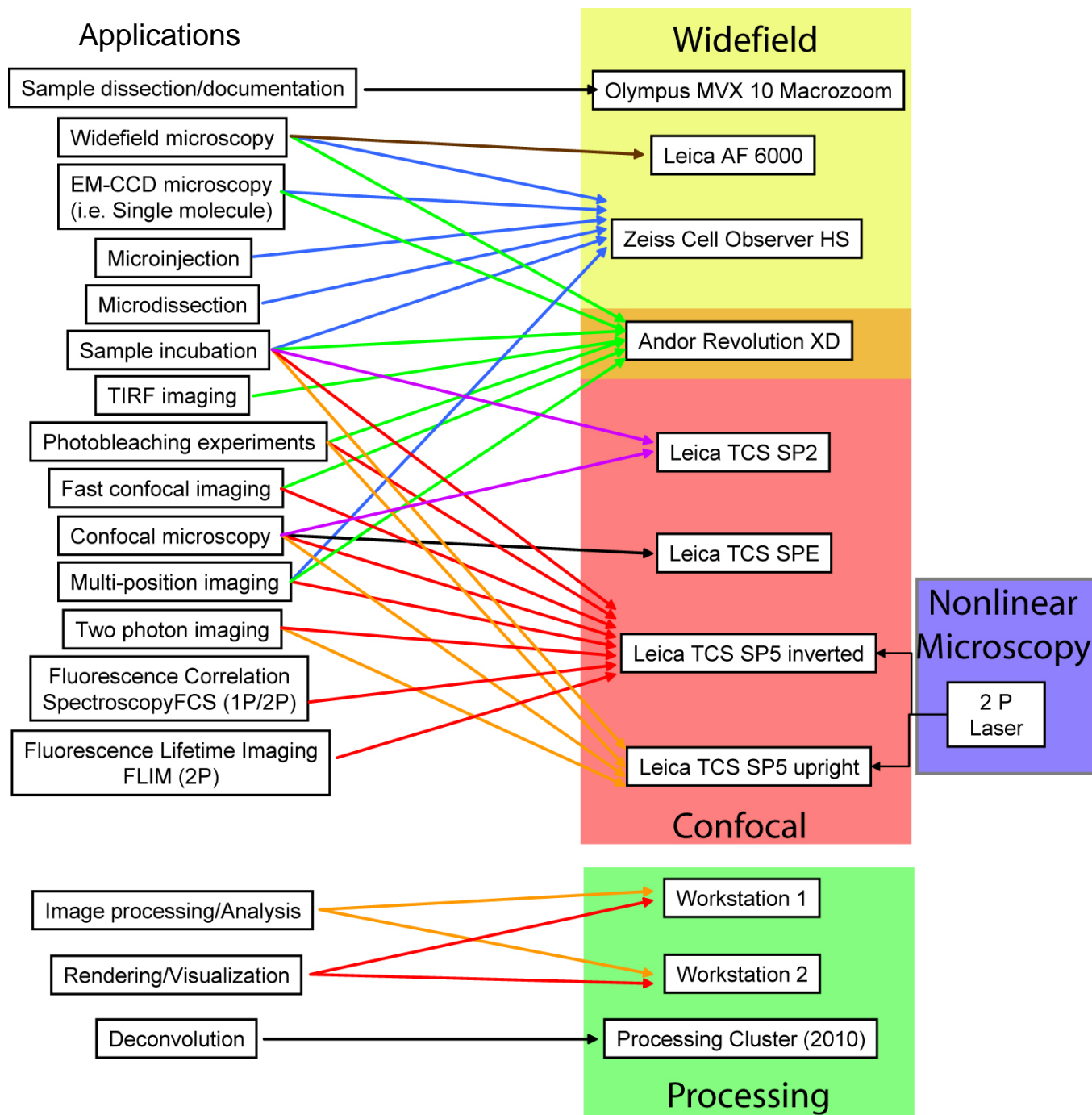


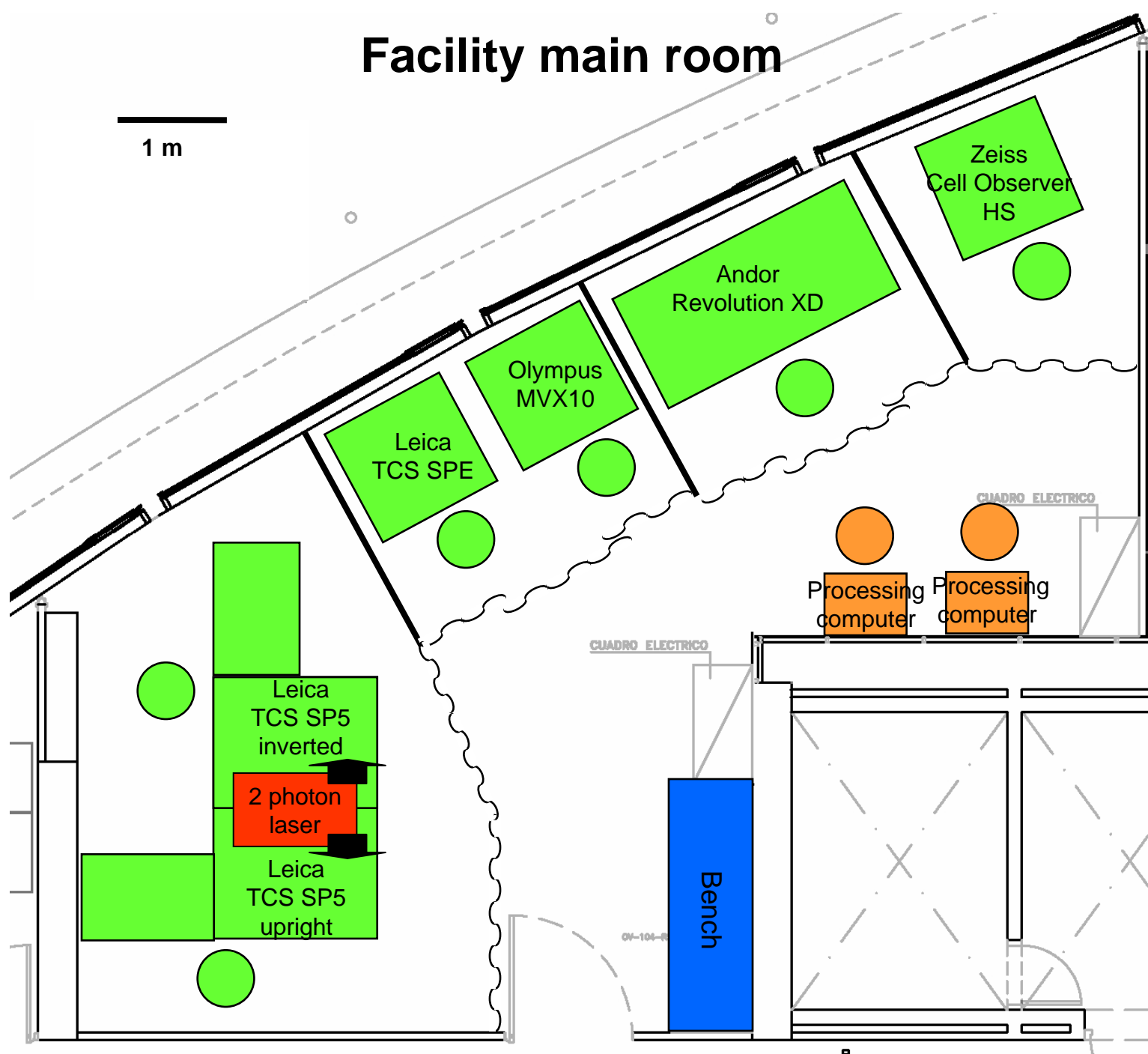
A photograph of a modern building at sunset. The sun is low on the horizon, casting a bright orange glow across the sky and reflecting on the ocean. The building's windows are illuminated from within, and a swimming pool in the foreground reflects the scene. The text is overlaid on the lower half of the image.

The Advanced Light Microscopy Unit at the CRG

A core facility for high-end imaging



Facility main room





Room compartmentalisation

Every instrument cubicle has hot air exhaust vents, CO₂ and pressurized air supply, fiber-optic network plugs and uninterruptible power

ALMU equipment

Environmental control

Confocal microscopy



Leica TCS SP5



Leica TCS SP5 (inv)



Andor Fast Confocal



Leica TCS SPE

Widefield microscopy



Zeiss Cell Observer HS

Eppendorf microinjector
Eppendorf microdissector
Hamamatsu EmCCD

ALMU equipment

Image Processing



HP xw 8400
16 GB RAM

HP xw 8600
4 GB RAM

Sample preparation



Olympus MVX10
ColorCCD (12.5 MP)

Portable devices



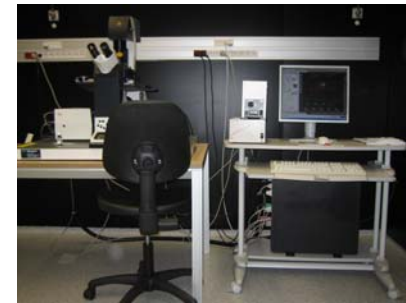
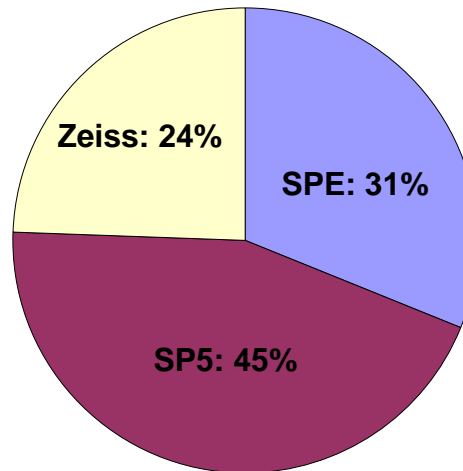
Fast response temperature stage
controller



Objective inverter

ALMU instrument usage hours yearly usage 2008

Leica SP5:	4109 h => 11.3 h/day, 807 bookings
Leica SPE:	2887 h => 7.9 h/day, 653 bookings
Zeiss CO:	2248 h => 6.2 h/day, 334 bookings
Total:	9244 h => 8.8 h/day per system

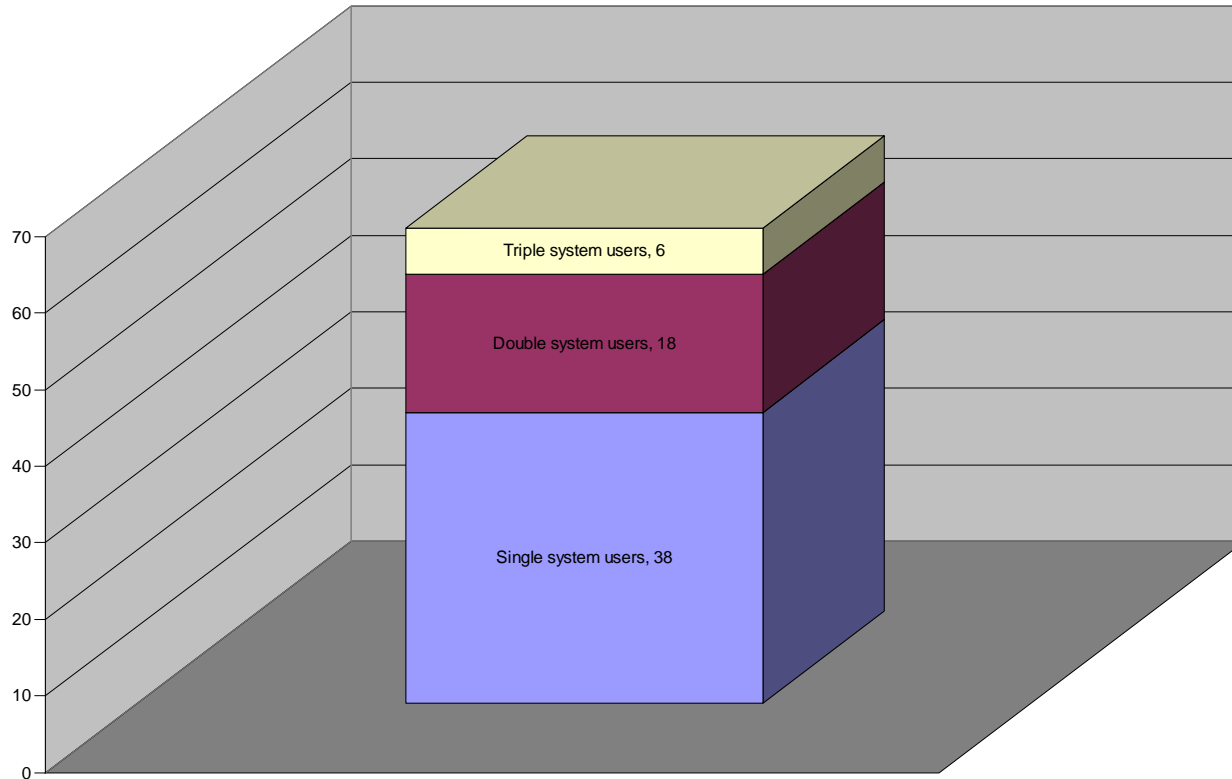


ALMU facility users

Dec 07- May 08: 46

Jun 08 - Nov 08: 62

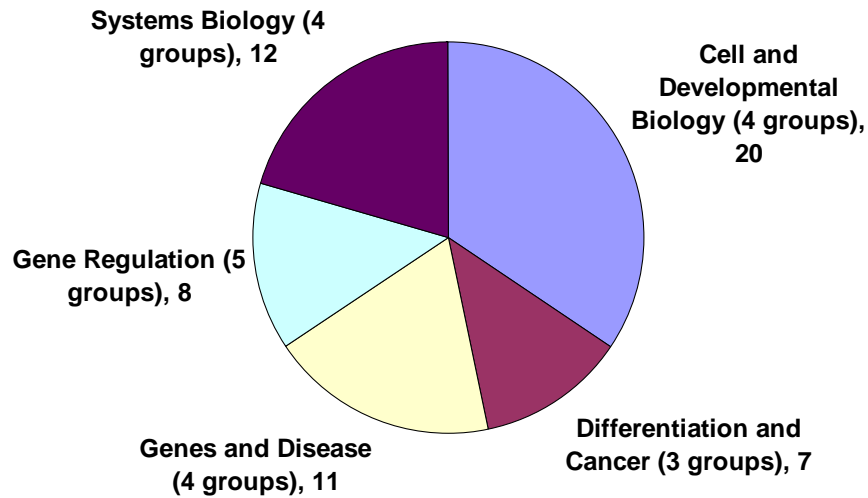
On average: 30 users from 14 groups/month



- 1 external group (CSIC)

Usage by programs 2008

Users per program



Usage per program

