



IdeaSquare Educational Programmes

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- BA Communication, Post-grad Product and Service Innovation, MSc Psychology.
- Passionate about education and humanitarian challenges.



Ole Werner

- Galactic Firefighter at CERN IdeaSquare
- BSc Psychology, MSc Behavior Change
- Passionate about understanding individual cognitions and behaviors in teams.



Laura Wirtavuori

- Activity manager at CERN IdeaSquare
- MSc Industrial Engineering and Management
- Passionate about sustainability and systemic change.

Why are we here?



Make-a-thon at IdeaSquare

Educating and Training Future Generations

- Training of young minds to become **thought leaders**.
- **Delivering experiential learning** fostering analytical and creative thinking, curiosity, self-awareness, resilience and flexibility.
- Co-designing the programs embedded in the curricula in several universities worldwide, with the following building blocks:
 - **Systemic societal problems** as a lens in the process
 - Increasingly **multidisciplinary teams** of students
 - **CERN** as an inspirational and immersive space.
 - Duration from 1 week to 8 months, 10-50 students per course;
 - Final deliverables from **inspirational videos** to **functioning prototypes** to **concept papers**.

What is happening?

In 2023:

- 551 students
- +30 different institutions
- 16% Design, 33% Business, 30% Engineering, 17% Other
- 47% female students (x2 of CERN's goal for 2025)
- 45/52 weeks booked in the space

Until end of June 2024:

- 234 students
- 19% Design, 20% Business, 38% Engineering, 24% Other
- 43% female students (x2 of CERN's goal for 2025)
- +15 different institutions
- 10 different programs done
- 4 new IdeaSquare Planet Pilots
- 45/52 weeks booked in the space already



*N° coffees divided by triologue
14,233/3 = 4,744
conversations in the kitchen*

What's changing?

- New partners across **CERN member states and beyond** with Educational Institutes in **Norway, the USA, Thailand, Singapore, Estonia, and Germany.**
- Interactions with Students are a great opportunity for young users at CERN to **diversify their experience** and **build science communication/education skills.**
- **Alumni of IdeaSquare collaborations** end up taking student working positions at CERN (**currently 3 employed**).
- **Continuous research on student programmes** (2 master thesis, 2 abstracts published at OIS conference 2023+2024, 1 paper in writing, 1 paper on i2Planet methodology by IdeaSquare team also ongoing)



What is in the pipeline for 2025/26?



- **I2Planet Workshops** planned with LAB-University (Finland), Püha Johannese Kool (Estonia), Chulalongkorn University (Thailand), EPFL (Switzerland)
- **Industry Collaboration** with Klang Games to further develop immersive educational materials for i2-Planet
- Frequent **interactions with CERN** scientists as part of the IdeaSquare experience
- **Workshops and networking sessions** for/with different **CERN departments** (FAP-BC, HR-PXE)

What do you want to get out of it?

- IdeaSquare's **new methodological** concept in line with the Strategy Plan, working towards a new, full-fledged Program by 2025.
- Teach systems thinking and adopting a **long-term perspective**, as well as helping students to **challenge societal constructs** that might limit their thinking.
- New developments in curriculum integrating **systems thinking, behaviour change and regenerative design**.
- **Be trailblazers in new experimental learning methodologies.**



What have we learned? What's on the horizon?

- I2Planet is proving to be **an interesting and captivating offer** to many established and new partners.
- Lots of effort in planning these first rounds of I2Planet will compensate long term since the **materials can be reused and improved upon.**
- Continuing the **exploration** around the **immersive elements of I2Planet** through game and storytelling elements.



**Thank
you!**

