

Help to get your voice into EPFL sustainability

- Develop an EPFL application to foster sustainable projects on campus
- Helping people to vote and act !
- Open source code and AI embedded
- Prize – Balèlec tickets or gift baskets





Manuel Cubero-
Castan - VPT

LauzHack 2023 - EPFL Challenge



02-03 Décembre 2023

Ecole Polytechnique Fédérale de Lausanne: Who are we?

EPFL



- 5 Schools
- 2 Colleges
- 21 instituts
- 4 EPFL's associated campuses



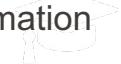
- 6000 collaborators
- Including 2000 PHD
- 343 professors
- 12000 students



The EPFL Direction



- VP for Academic Affairs
- VP for Operations
- VP for Finances
- VP for Innovation
- VP for Responsible Transformation



2019-20 : Strong pressure from students



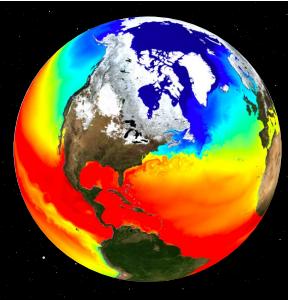
payetonepfl [Follow](#)

240 posts 5,409 followers 258 following

Paye ton epfl
Compte de dénonciation des discriminations et violences sexistes, LGBTQ+-phobe, racistes sur le campus EPFL. 🌏
→ Projet de @polyquity
⌚ Témoigner : linktr.ee/payetonepfl2



VPT: Vice-Presidency for Responsible Transformation



Help accelerate the
transition to a **sustainable,**
diverse, inclusive and
responsible Campus



VPT Objectives

- ✓ Working for a more inclusive, green, smart and sustainable campus
- ✓ Spreading our values: respect, equality, diversity, inclusion and sustainability
- ✓ Preparing the student body to meet environmental challenges
- ✓ Reduce the school's carbon footprint
- ✓ Supporting work-life balance



Point Smart

- 2023: Pilot phase for the projet
 - Around 300 smartphones repaired
 - 22 tons CO₂eq if purchased
 - Increasing lifetime from 2 to 4 years on 17'000 people
 - ➔ 320 tons CO₂eq / an
- Raising awareness on maintenance of our IT hardware
 - Increase lifetime to reduce environmental/social impact
 - **Repair before Renew**



Smart Point
REPARATION DE SMARTPHONES
SMARTPHONE REPAIR

Prix coutant	Cost price
Réparation express	Express repair
Solution responsable	Responsible solution
12h00-14h00 tous les jours	12am-2pm daily
Poséidon MA A0 393	

NOS SERVICES

- Ecran LCD
- Vitre arrière
- Batterie
- Caméra avant / arrière
- Haut-parleurs
- Connecteur de charge
- Désoxydation
- Lentille de caméra
- Et bien plus encore...

OUR SERVICES

- LCD screen
- Rear window
- Battery
- Front / rear camera
- Speakers
- Charging connector
- Deoxidation
- Camera lens
- And much more...

EPFL Sustainability

POSEIDON

Manuel Cubero-Castan

Old But Gold

- Contest for all EPFL community
 - Answer few questions about your phone
 - Random draw among people
- Better chances to win if your phone is old
- From 15/11 to 8/12, take the chance to win !



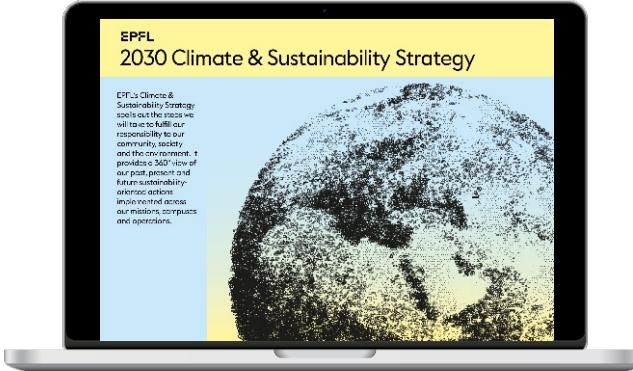
Old
but
Gold



- Friday 15/12 at noon – Award ceremony
 - With games and other prizes

Climate and Sustainability Strategy: A living document !

- A participative process from 2019 to 2022



- First published strategy on Sustainability issues
- Meant to evolve with time, becoming more precise and ambitious

Sustainability Challenge - Content

- Aim: Fostering sustainable projects (ideas, concept) on EPFL campus, that came from and debated from EPFL community
- 2 phases application
 - Poll about questions asked from central services (VPT / Presidency)
 - Have a list for project that participants answered yes with time available to spend on.
- Requesite:
 - Open source code, and easily changed for other usage
 - question from all community,
 - with or without anonymisation/moderation,
 - Add questions and forum debate
 - Meetup app during lunch to foster meeting according to availability / random
 - AI to resume concept on debated arguments

Some idea around the challenge

- Voting system inspired from [SmartVote](#)
- Make the choice for participants that vote for a project to mention how much time can they spend/give on such projects
 - Foster initiative and encourage action from the community
- Timing crowdfunding = Random draw for participants that have voted yes for the projects and can spend time for it



Merci

Manuel Cubero-
Castan - VPT