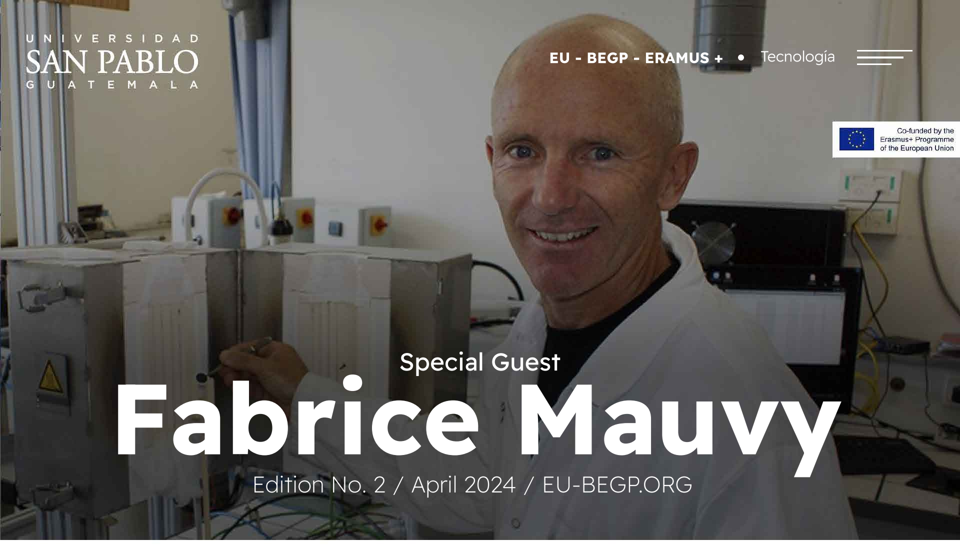

Co-funded by the Erasmus+ Programme of the European Union

Special Guest

Fabrice Mauvy

Edition No. 2 / April 2024 / EU-BEGP.ORG

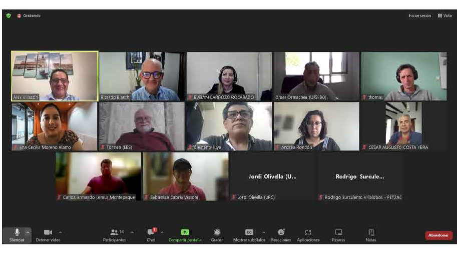
EU-BEGP
Modernising Digital Education in Energy Transition for Circular Economy in Latin America (101081473)
Modernizar la educación digital en la transición energética para la economía circular en América Latina

LATEST VENTURES

PMB MEETING#14

The April 2nd Project Management Board (PMB) meeting offered a comprehensive overview of the EU-BEGP project's progress and direction. Partners gathered virtually to discuss project management strategies, recent milestones, and upcoming initiatives. The meeting showcased significant advancements across various work packages, emphasizing the collaborative spirit and dedication of all involved. Attendees also exchanged valuable insights on project performance evaluation and upcoming opportunities within the EU-BEGP

nership dynamics and collective commitment toproject success.


Grabando
Iniciar sesión
Vista
Alex Villazón
Ricardo Bianchi
EVELYN CARDOZO ROCABADO
Omar Ormachea (UPB-BO)
thomas
Ana Cecilia Moreno Alamo
Torsten (EES)
Clemente luyo
Andrea Rondon
CESAR AUGUSTO COSTA VERA
Carlos Armando Lemus Montepeque
Sebastian Cabria Vissoni
Jordi Olivella (U...
Jordi Olivella (UPC)
Rodrigo Surcule...
Rodrigo Surculento Villalobos - PET2AC
Silenciar
Detener video
Participantes
Chat
Compartir pantalla
Grabar
Mostrar subtítulos
Reacciones
Aplicaciones
Pizarras
Notas
Abandonar

Virftual Meeting Snapshot

IN-SESSIONTRAINING

During the PMB meeting, an enriching Learnify training session on content translation took place. Led by Mr. Alex Villazón,project coordinator, andfacilitatedby Mr. TorstenFranson, a seasonedexpertineducationmodernization, the training provided valuable insights into translating the content created within the platform. Recognizing the importance of linguistic diversity, this initiative aims to enhance the reach and impact of courses and modules by making them available in multiple languages. This feature holds immense potential in democratizing access to education, ensuringthatlearners fromdiversebackgrounds canbenefitfromourofferings.

SPECIAL GUEST

Thanks to the context and perspectives surrounding his work, Mr. Mauvy has acquired a certain expertise in the broader issues surrounding hydrogen as an energy carrier. Fabrice Mauvy's research focuses on Solid Oxide Fuel Cells (SOFC) and dihydrogen production using High Temperature Steam Electrolyser (HTSE). He is working on a process for producing hydrogen from metal by hydrolysis of water, and a prototype reactor

Fabrice Mauvy is Professor of Solid-State Chemistry and Electrochemistry at the Bordeaux University Institute of Technology and researcher at the Bordeaux Institute of Condensed Matter Chemistry (ICMCB - CNRS and Bordeaux University). Interested in the solid-state electrochemistry and conversion of chemical energy into electrical energy, he has been working for many years on production of dihydrogen and its use in fuel cells. His researchfocuses on improving thephysico chemical processes involved and optimizing the material-

Pourquoi l'hydrogène ?

He is also working on the chemical compression of gas and, with his team, has succeeded in obtaining hydrogenathighpressure (>900bars). Onthematerials used in the reactor and fuel cells (production and use of dihydrogen).

Mr. Fabrice Mauvyhasparticipatedas:
  Authorof1thesis
  Directorof18thesis
  Speakerfor 59 thesis
  Presidentofthe Jury for 4 thesis
  Examinerfor 28thesis
  h-Index: 32
  Authorof107 scientific internationalpublications
  Authorof15patents

SISTER PROJECTS SHOWCASE

GOLC AWARD 2024

The research team formed by Alex Villazón Ph.D. (director of the Center for Research in New Information Technologies - CINTI), Omar Ormachea Ph.D. (director of the Center for Optical and Energy Research - CIOE) and Andrés Gamboa (thesis student of Computer Systems Engineering - ISC), received the International Award "GOLC - Online Lab Award 2024" atthe "21stInternational Conference on Smart Technologies & Education (STE 2024), in the category of "Remote Controlled Experiments", during the conference at the

2024.

The development of the award-winning remote laboratory is described in the paper "Altitude's Impact on Photovoltaic Efficiency: an IoT- Enabled Geographically Distributed Remote

Laboratory", which was presented during the conferenceby Andrés Gamboa inperson.

This development was carried out in the framework of the "EUBBC-Digital Project" (Europe-Brazil-Bolivia-Cuba Capacity Building Using Globally Available Digital Learning Modules) of the Erasmus+ program funded by the European Commission, in which UPB participates.

Energy Efficiency studies based on altitudes
Submitted by:
Andrés Gamboa, Alex Villazón, Omar Ormachea
Universidad Privada Boliviana, Plurinational State of Bolivia
ARCADA
EduNet
PHOENIX CONTACT

Mr. Andrés Gamboa - UPB
Award-Winning
21st. International STE Conference 2024

https://online-engineering.org/GOLC_online-lab-award.php

Link toconference:
https://ste-conference.org/current/
Link totheEUBBC-DigitalProject:
https://ec.europa.eu/.../org-details/947819205/project/400
618925/program/31059093/details

The Global Online Laboratory Consortiumis focusedonpromotingthedevelopment andsharingof, andresearchinto remotely accessible laboratories for educationaluse. As theusageofonline experimentsgains tractioninthe educational community,there is increasinginterestindevelopingonline labsona commoninfrastructure. A unified andinteroperable architecture is essentialtoconvertthe currenttremendous interestforonline experiments intoan economyoflabs that canbe efficiently sharedaroundthe world.

SISTER PROJECTS SHOWCASE

BEST PAPER AWARD 2024

The research team formed by Alex Villazón Ph.D. (Director of the Center for Research in New Information Technologies - CINTI), Omar Ormachea Ph.D. (Director of the Center for Optical and Energy Research - CIOE) and Eng. Boris Pedraza (Research Assistant at CINTI-CIOE), received the "Best Paper Award" recognition at the 21st International Conference on Smart Technologies & Education (STE 2024), for their paper "Enhancing Accessibility for Real-Time Remote Laboratories: A Web-Based Solution with Automated Validation and Access Control", conference which was held at the Arcada University of Applied Sciences in the city of Helsinki, Finland, on March 6-8, 2024.

Smart Technologies & Education – STE2024 – at the Arcada University of Applied Science, Helsinki, Finland
FULL PA
Dominik May
Michael E. Auer
Kim Roos
ARCADA
IAOE.
EDUNET WORLD
EduNet
PHOENIX CONTACT
AIRFRANCE
KLM
Springer

BestPaperAward
21st. InternationalSTE Conference 2024

The paper presents the software development of a mini web server that provides secure and transparent access to remote laboratories without the need for third party software or password sharing. The presentation was made virtually on Friday, March 8 by Eng. Boris Pedraza. This work was developed within the framework of the EUBBC-Digital Project (Europe-Brazil-Bolivia-Cuba Capacity Building Using Globally

funded by the European Commission, in which UPB participates and of which these researchers are part.

This is a significant milestone for UPB and for the EUBBC-Digital Project for having received for the first time a recognition for the best paper at an international conference.

Link tothe conference:
https://ste-conference.org/current/
Link totheEUBBC-DigitalProject:

https://ec.europa.eu/.../org-details/947819205/project/400

618925/program/31059093/details

> STE2024 is anannual eventdedicatedtothe fundamentals, applications andexperiences inthe fieldof Smart Technologies, Online, Remote, andVirtualEngineering,Virtual Instrumentationandotherrelatednew technologies.todiscuss guidelines andnew concepts for engineeringeducationin higher andvocational educationinstitutions including emergingtechnologies inlearning.

BRANDING HIGHTLIGHTS

BRANDINGMATERIAL -PUCPUNIVERSITY

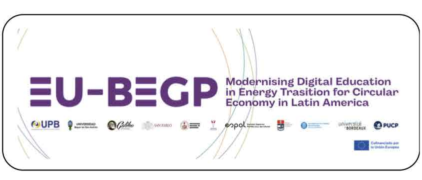
We announce a significant milestone achieved through the collaborative efforts ofthe EU-BEGP project partners, particularly thanks to the contribution fromPUCP University, spearheaded byProf. Andrea Rondón.

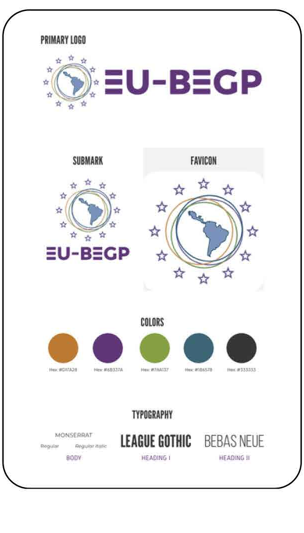
COMPREHENSIVE BRANDING GUIDE

PUCP University has crafted a comprehensive guide on how to use the project logo, fonts, and colors consistently across all communication channels. This guide ensures that all partners adhere to the same typographical standards, thereby maintaining a cohesive brand identity throughout the project's dissemination efforts.

BANNER FOR ENHANCED BRANDING

Furthermore, PUCP University has developed a visually appealing banner that incorporates the project logo along with logos from the partners. This banner will serve as a unified branding element to be used on various materials such as letterheads, footers, and other project- related documents. With this banner, we aim to enhance the project's visibility and foster a sense of cohesion


EU-BEGP
Modernising Digital Education in Energy Trasition for Circular Economy in Latin America
UPB
espol
université BORDEAUX
PUCP
Cofinanciado por la Unión Europea


PRIMARY LOGO
EU-BEGP
SUBMARK
EU-BEGP
FAVICON
COLORS
TYPOGRAPHY
MONSERRAT
Regular
Regular Italic
BODY
LEAGUE GOTHIC
HEADING I
BEBAS NEUE
HEADING II

Ensuring Consistency and Professionalism

The development of these branding materials and guidelines represents a significant step forward in our efforts to disseminate project information effectively and professionally. By adhering to standardized branding practices, we not only reinforce the project's credibility but also present a unified front to our stakeholders and the wider community.

Impulsando
Tu Futuro

UNIVERSIDAD SAN PABLO GUATEMALA