EELISA
European University

WinSTEAM & DEI

Women in Science, Technology, Engineering, Arts, Math &
Diversity, Equity, Inclusivity

Believing in and trusting the power of **SCIENCE** fueling and firing up our minds, and **ARTS** nurturing and healing our souls.

Believing in and trusting the power of a single letter, "A"; the power of a single letter, "W".

STEAM: chance to get pro-active about the "soft-skills" of the engineering students and community, and in support of a transformational learning journey

WinSTEAM: time not to "consider" but to **"PRACTICE" equal presence and lead of women in STEAM**

Let's DOP the letter A [+A; Arts] to the engineering education, engineering domain

Let's DOP the letter W [**Women**] to the head of **STEAM**

21st Century came with its own outstanding offers and grand challenges. It brings **CHANGE** at all domains of life, and it asks for more… These are unique times we are going through all together and marked with unprecedented phenomena and paradigm shifts with major impacts undeniably on a global scale.

At the onset of 21st Century's second quartile, it is time to bring change, lead change, be the change. Women and men; by nature with equal shares in all… **Diversity, equity,** and **inclusivity**; all are the long-awaited qualities at all walks of life, in all domains, including education, workforce**,** governance… and to be nurtured naturally and wisely by women, by nature.

It is time to have more women empowerment, more women in governance, more women change-makers in charge of change, leading the now and the future, for resilient communities and sustainable society and future.

So, let's come together, be stronger, and construct a new EELISA European University community, the **WinSTEAM & DEI**.

When Women is in, it's a Win-Win

Related UN SDGs (foreseen to be addressed within community; impact perspective of community):

SDG-5 Gender Equality
SDG-10 Reduced Inequalities
    SDG-8 Decent Work & Economic Growth
    SDG-4 Quality Education
    SDG-11 Sustainable Cities & Communities
    SDG-17 Partnerships for the Goals
        SDG-9 Industry, Innovation & Infrastructure
        SDG-16 Peace, Justice & Strong Institutions

What are the key goals of your EELISA Community for 2022?

Targets for 2022: starting the dialog and collaboration among the community members and across the EELISA grand family on increasing the visibility and empowerment of women in STEAM and designing and constructing means of women leading and nurturing STEAM and DEI across local and regional domains thru intra- and inter-community activities/initiatives forecasted and meant to go beyond/further and infuse to the society.

Phase-01: initiating the dialog and collaboration among the community members and across the EELISA grand family with multiple constituents from all possible levels/domains

Phase-02: Communicate, invite, evaluate, include, collaborate with other already established related institutional bodies (i.e., ITU's KAUM-like bodies *(ITU - Women Studies Centre in Science, Engineering and Technology)* on local (EELISA partner institutions) and then regional (among EELISA grand family) scales/platforms

Phase-03: Expand the network and activities

Phase-04: (start with compartmentalized networks, progress; in 2022), maturate, and then de-compartmentalize the networks and activities and expand beyond the in-house communities thru societies *(possibly in 2023)*

Phase-05: rewind and supercoil into new multi-dimensional nodes, networks, and activities *(possibly in 2024)*

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What kind of Community Engagement are you looking for?

Networking, knowledge and experience sharing, collaborating on designing/constructing and running/managing projects/activities at different scales and targeting a variety of constituents (students, academicians, higher education institutes, public institutes, industry, NGOs, decision-makers, the society) on unlocking the presence, visibility, power, governance, lead of women in STEAM & DEI.

What kind of people/stakeholders are you looking for?

Thematic constituents: people benefiting from, contributing to and working for STEAM; people with a strong positive appetite for STEAM and DEI; people willing to contribute to a resilient and sustainable society thru being a part of the processes and solutions in education, collaboration, research, and initiatives

In-house constituents: the following EELISA communities/members:

Primarily: SSERIES (Science for a Sustainable Envision of Reality and Information for an Engaged Society; Lead: UPM-ES); ES: O4E (Egalitarian Societies: Opportunities for Everyone; Lead: UPM-ES); EELISA on-the-MOVE (Lead: UPM-ES); STAR (Lead: ENS-FR).

And also: EELISA DISCOVERY (Lead: UPM-ES); EELISA Community for Energy Transition and International Exchange (Lead: EELISA Students); SusBCC_EELISA – Sustainable Buildings, Cities and Communities (Lead: UPM-ES)

Expanded networks/communities: students, academicians, higher education institutes, public institutes, industry, NGOs, decision-makers, the society

What (type of) activities are you offering to Community participants? (5 keywords)

Thematic modularity and People-focused modularity

Thematic activities pack-01: courses, student team studies/projects, [knowledge bites, webinars, workshops with invited experts/speakers from relevant domains, e.g., women academicians, leaders, governors, change-makers], mobility-enhanced/mediated knowledge and experience sharing activities, crowdsourcing activities and society-related/contributing events, etc.

Thematic activities pack-02: Joint events with the already established EELISA Communities *(see "in-house constituents" above for projected possible collabs list)*

Thematic activities pack-03: One "SDG INTEGRATED SOLUTION on WinSTEAM&DEI", in collab with the EELISA community members *(please see "additional reasoning and drive" below for facts and reasoning)*

Module-01: for students → courses (in lieu and/or micro-credit), team studies and/or projects on STEAM, DEI, WinSTEAM, and/or WinSTEAM&DEI; mobility-enhanced/mediated knowledge and experience sharing activities (across EELISA partner institutes)

Module-02: for instructors and researchers → individual and/or thematic series of knowledge bites, webinars, workshops, mobility-enhanced/mediated knowledge and experience sharing activities (among EELISA partner institutes), etc.

Module-03: for constituents beyond the "university" borders: individual and/or thematic series of knowledge bites, webinars, workshops; crowdsourcing activities on women presence, visibility, governance, empowerment in STEAM education and workforce, and in society, and on DEI, etc.

Additional reasoning and drive:
One "SDG INTEGRATED SOLUTION on WinSTEAM&DEI", in collab with the EELISA community members:
Facts, reasoning, and drive: Integrated Solutions | SDG Integration (undp.org)
https://sdgintegration.undp.org/integrated-solutions (Last access: 08.03.22)
None from EELISA partners / partners' countries

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EELISA Community member institutions & members' names:
Istanbul Technical University (ITU*); prospective community members:* ITU KAUM (ITU - Women Studies Centre in Science, Engineering and Technology; https://www.kaum.itu.edu.tr/en/); ITU MEM/CEE (ITU Center for Excellence in Education, http://mukemmeliyet.itu.edu.tr/en/homepage); *and to-be-determined members* after release of this very community proposal *(foreseen to be multiple EELISA partner institutes)*

Further links *TBD*
#womeninscience #education #scienceandtechnology #engineering #math #genderequity #diversityequityinclusion #womenempowerment #change #future #resilientcommunities #sustainable #society