

PRESS RELEASE
Paris, 17 January 2023

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ABOUT ARTS ET MÉTIERS

Arts et Métiers is a major technology establishment with eight campuses and three institutes. Its key mission is to train engineers and managers for industry and research.

Each year, it educates more than 6,000 graduate and doctoral students. Its courses, its 15 laboratories and its partnership-based approach to research make Arts et Métiers a socio-economic player with deep local roots.

Learn more:
<https://artsetmetiers.fr>

ABOUT THE STUDENT UNION

The Arts et Métiers Students' Union (UEAM) is one of the largest student unions in France. It represents more than 3,500 *Grande Ecole* students and holds more than 600 events each year to showcase Gadzarts' expertise in completing large-scale projects. The Arts et Métiers Students' Union unites and supports local branches that animate student life on campus and coordinates initiatives at the national level during

"Leaders of responsible industries": the Arts et Métiers community unveils its new identity, revolving around a shared promise

To contribute to a responsible reindustrialisation, the School, the Students' Union and Arts et Métiers Alumni want to express what makes this community strong by defining a shared identity that projects their individual and shared commitments as leaders of responsible industries.

A UNITED COMMUNITY

This commitment, shared by the School, the Students' Union and Arts et Métiers Alumni, reflects Arts et Métiers's specificity as a school founded to tackle industrial and social challenges, as well as its conviction that industry has a responsibility toward society and the environment.

The climate emergency and social expectations require rapid changes in technology and methods. The Arts et Métiers community intends to contribute through its leadership: **leaders of responsible industries design and produce the impactful organisational and technological innovations that are crucial to the energy, environmental and social transitions.**

The leadership demonstrates a desire to drive change on the field by mastering skills and innovating constantly.

Arts et Métiers is not just one of the oldest, most renowned engineering schools in France that educates more than 6,000 students each year, it also has the largest students' union in the country and the leading engineering alumni network in Europe with 62,000 members.

TRAINING RESPONSIBLE INDUSTRIAL LEADERS

The School's mission is to train engineers that specialise in sustainable technologies, who can design products and systems that respect the environment while controlling the risks and costs within an industrial organisation.

Education at Arts et Métiers relies on **three pillars**: an international skills framework, experience of the reality of industry, and integration of the goal of carbon neutrality.

The CDIO (Conceive, Design, Implement, Operate) international framework was devised by engineering schools throughout the world to respond to criticisms that graduates, whilst technically competent, lacked a variety of abilities required in actual engineering situations. The CDIO syllabus comprises four segments: scientific and technical knowledge, personal and professional skills, interpersonal skills (work in

inter-campus events. It also maintains relationships with the alumni network and the School's contacts in education, student well-being, and a number of other areas.

Learn more:

<https://ueam.org>

ABOUT ARTS ET MÉTIERS ALUMNI

Arts et Métiers Alumni is the name for the *Société des ingénieurs Arts et Métiers*. It brings together 62,000 *Gadzarts* (former students of the Arts et Métiers Grande École programme), of which more than 27,000 are currently working, making it the largest network of a single engineering school in Europe. More than 3,000 volunteers serve as coordinators for 103 regional groups in metropolitan France, 82 in the French overseas territories and abroad and 48 professional groups, all offering opportunities for personal development.

Learn more at www.arts-et-metiers.asso.fr

groups and communication), and the skills specific to the engineering professions. One thing that sets CDIO apart is constant improvement through a quality assurance process that strives for higher objectives than accreditation.

Another distinguishing feature is that students are trained in real industrial situations. Workshops are gradually evolving into **evolutive learning factories**: technological platforms that combine machines at a scale of one and their digital twins.

The biggest change will be the incorporation, at the start of the 2022-2023 academic year, of Ademe's four *Transition(s) 2050* scenarios: frugality, territorial cooperation, green technologies, and repair. These are avenues for France to achieve carbon neutrality in 2050 with pathways that reflect different social choices. During the numerous activities to apply what they learn, including projects, students must place their responses in one of Ademe's scenarios and account for its specific constraints.

"We are committed to changing our ways of production and training and informing students and staff. There will be no transition without new skills for our young engineers to build sustainable infrastructure and smart cities," says Laurent Champaney, President of Arts et Métiers.

BECOMING RESPONSIBLE INDUSTRIAL LEADERS

Associations play a key role in building future Arts et Métiers engineers' skills, both in terms of expertise and interpersonal skills. They organise many events on-campus and nationwide. They are imagined, organised and managed by *Gadzarts* students, so they can build project and general management skills. Organising these events often requires close cooperation with local authorities and campus management and, as a result, increasingly professional processes, drawing on training organised by the Arts et Métiers Students' Union (UEAM).

Right from their first year, Arts et Métiers students take part in a number of **charitable initiatives** and are made aware of community life, mutual aid and solidarity. One example is the *Grands Défis* in which a campus's first-year students spend a weekend undertaking large-scale community service projects, supervised by second-year students.

Nationally, the Arts et Métiers Convention for the Ecological Transition (CAMTE) is an annual meeting for students from Arts et Métiers and many other schools to devise innovative projects for the environment.

In terms of quality of life, UEAM and the student associations on the campuses participate in a **number of initiatives, particularly in preventive efforts to address addiction, discrimination and sexual and gender-based violence**. In this, they rely on programmes set up in close collaboration with the School, Alumni and the French Student Health Federation (FSEF), such as EVA (listening and support) and PEER CARE (addictions).

"Student well-being and environmental issues are at the heart of what we do," says Krystal Zaouane, president of UEAM.

BEING RESPONSIBLE INDUSTRIAL LEADERS

The Society of Arts et Métiers Engineers (SOCE) is an intergenerational community of Gadzarts and those who share their values. This community's purpose is to channel the initiatives of its members, whatever their age and wherever they may be, to sustain a sense of Gadzarts camaraderie and spirit, foster mutual aid and solidarity, and promote the engineering profession, the School and technology.

To fulfil these objectives, Arts et Métiers Alumni can draw on its **strong geographical presence** and the **effectiveness of its professional groups** to enhance its members' involvement in industry, business and society. A hundred or so regional groups in France serve to deepen the ties between the School, alumni and business. They are especially useful when they are located in the catchment area of one of the School's eight campuses.

Each of the 48 professional groups brings together a number of experts and engineers ranging from 700 to 2,800, dedicating their conference and work to the technical, economic and industrial changes in a sector of activity.

The Arts et Métiers Alumni "Soce" is fully committed to working with the School and the students' union to **build responsible industries** and **boost their influence in France's environmental, social, industrial and digital transformations**.

"For more than two centuries, Gadzarts have been crucial players in industry. They must now rise to the occasion and tackle social and environmental challenges," says Thierry Lucotte, President of Arts et Métiers Alumni.