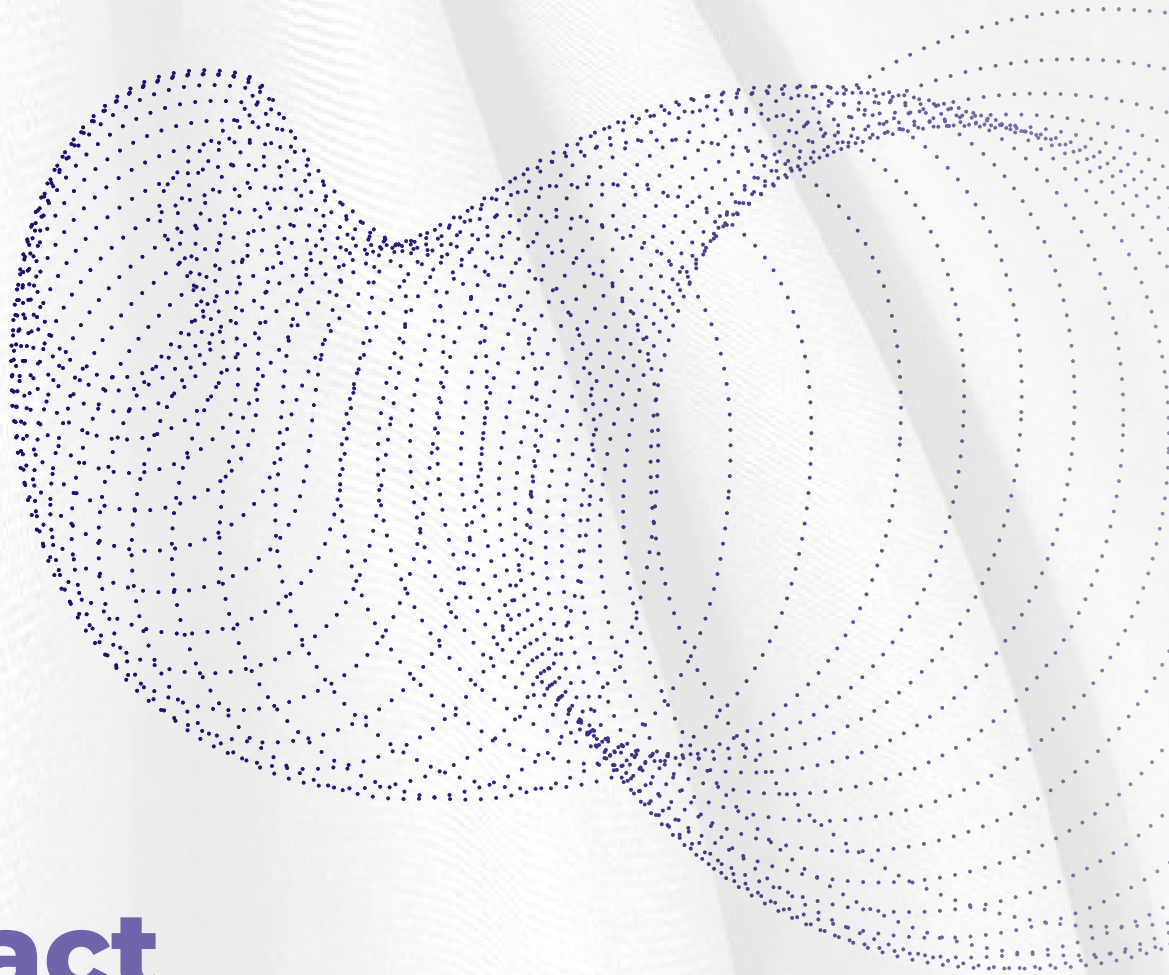




European Young Engineers



# Impact Report 2022



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# About us

European Young Engineers (EYE) is an international non-profit organisation that represents approximately 500,000 young and multidisciplinary engineers.

EYE brings together representatives from each member association to share best practices of running a young engineering association, both individually or being part of a national association. Today, EYE is representing approximately 500,000 young engineers from more than 20 countries. We are continually expanding, with a goal to represent young engineers from every country within the European Higher Education Area (EHEA) and ensure that members have access to attend our conferences.

We see Europe as a unity enriched by different individuals and cultures. Therefore, EYE is an international family, where engineers can get connected and share their passion for engineering, as well as their personal and professional experiences. EYE is independent and acts in the political interest of its member associations and all young engineers and engineering students with regards to topics that impact engineers.

EYE is governed by its statutes and the EYE Council. The EYE Council is the decision-making instrument of the organisation. The council determines EYE's future direction in consultation with the Management Team, which is responsible for the day-to-day operations to develop and implement the strategy of the organisation.

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# Greetings from the president

## Nadja Yang

President of EYE



Dear EYE family and beyond,

2022 has flown by so fast! We finally could gather again at the first conference after the pandemic in Lisbon in May as well as in Copenhagen in November. For me, it was very special to meet the community at larger scale in-person after being actively involved in EYE for two years. Especially having worked with some people virtually for so long, it was exciting to see them in 3D.

I am sure that many can resonate with the fascination at such first (but not-so-first) meetings! We could visit Europe's leading industrial symbiosis in Europe, where 50% of the world's insulin is produced, learn about climate simulations and BIM, as well as celebrate in a palace and on rooftops - these conferences were truly exciting. Therefore, we cannot wait to celebrate with you EYE's 50th conference in the country where it was established - the Netherlands!

Apart from the conferences, we are proud to have established relationships with EYE's first big European long-term partner Audi AG. We have organised a hackathon on sustainable mobility, which resulted in many inspiring business ideas that Audi AG has also further considered. The winners of the hackathon could not only participate in EYE's conference for free but also join the Audi Driving Experience Day, where they drove the Audi RS E-Tron GT and learned about Audi's decarbonisation strategies. This partnership will be continued for 2023, resulting in one of EYE's highest income years.



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# Greetings from the president

Other external relationships have been strengthened throughout the year such as through the university alliances ENHANCE and EUROTEQ (conversations with SEFI also started) as well as with companies like AkzoNobel, Covestro, Air Liquide and European organisations like BEST and ESTIEM through our partnership with the European Institute for Industrial Leadership.

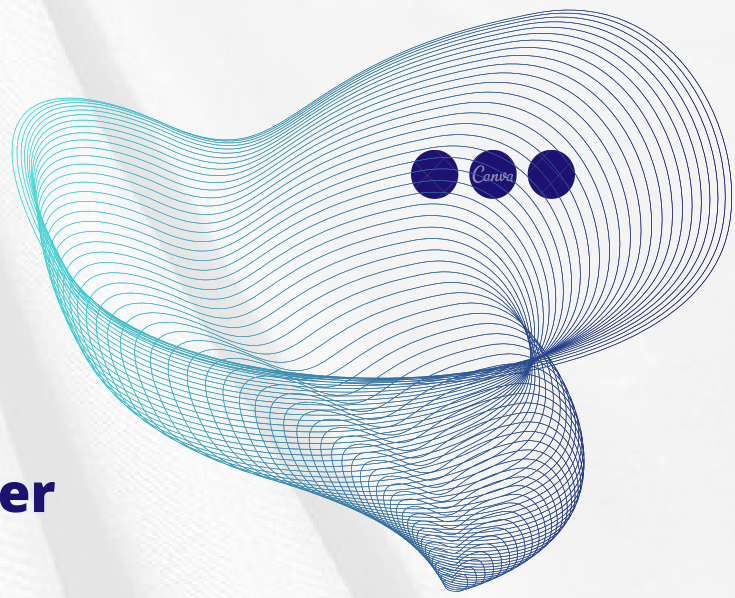
EYE's unique position in connecting young engineers and external partners Europe-wide led to the first European mentorship programme for engineers, which began as a pilot in 2022. Much potential lies within such connections and we look forward to strengthening our community internally and connections externally so that we can bring about the change we want to see in Europe. Thank you to everyone who contributed to unleash EYE's potential and help others to thrive.

Nadja

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# Our activities

## EYE organizes the first ever Mentorship Program



European Young Engineers organized a Mentorship Program aiming to build skills and connect with professionals in different engineering fields. During the 6-month phase of the program there will be monthly 1:1 mentor-mentee sessions. The pairs are matched according to their profession and personal interests in order to ensure that each pair can make the best out of the program and learn from each other.

## The EYE Shop is officially launched

EYE Shop is officially launched. Merchandise has become available for everyone interested to be part of European Young Engineers. Available products: EYE Eco Hoodies, EYE T-Shirts. Personalization available. Link: <https://shop.eyengineers.eu/>

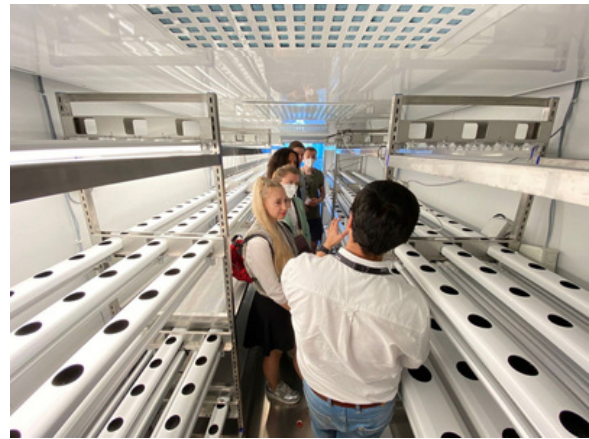
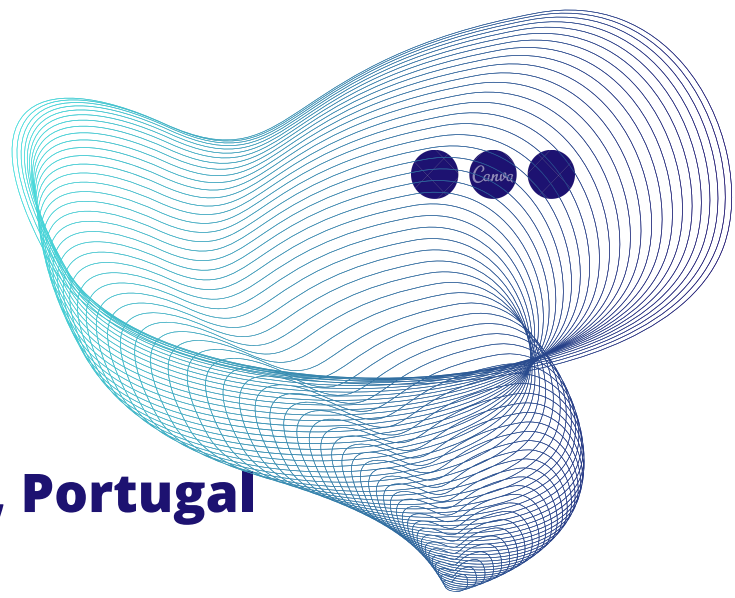
**Be the Voice of Young Engineers and show it!**



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# Our activities

## EYE Conference in Lisbon, Portugal



From the 5th-8th May young engineers from all over Europe gathered together in our conference in Lisbon!

European Young Engineers (EYE) and Ordem dos Engenheiros organized a wonderful experience with debates, interesting workshops, technical visits and many social occasions to meet

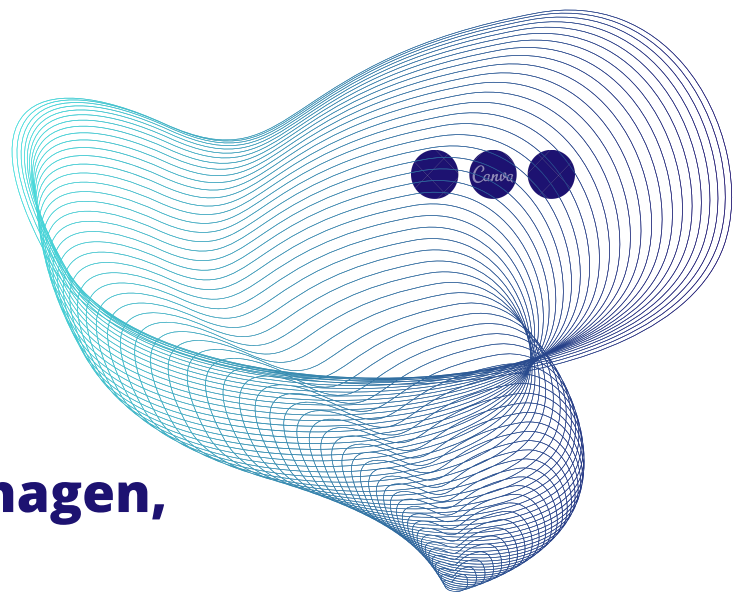
We had the opportunity to meet wonderful experts, understand how to take into account the environmental impact of our work, explore mobility and smart cities, as well as circular economy and energy transition.

Thank you Lisbon for hosting this amazing conference and thank to our wonderful team that organized everything with such passion!

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# Our activities

## EYE Conference in Copenhagen, Denmark



During our Conference in Copenhagen from 3rd-6th November, we had a wonderful time visiting the world's first Industrial Symbiosis at Kalundborg Symbiosis.

We found out that 50% of the world's insuline was produced in Kalundborg by Novo Nordisk, explored Kalundborg Forsyning 's water facilities after having its CEO Hans-Martin Friis Møller as a panelist for EYE's #WaterReuse webinar last year.

We had great workshops about #GoalSetting and #Leadership - thank you, Wayne (Jono) Hutt FLPI and Elvis Tinago EngTech ARaES from RS !





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# Activities with partners

## EYE x Audi hosted the successful Audi Hackathon on Sustainable Mobility 2022

Topic-related Keynotes from Audi:



Challenge with over 40 participants from across Europe in 10 teams:



On the 2nd of April, Audi launched the “Audi Hackathon on Sustainable Mobility”. With this hackathon, our new partner reaffirms its commitment with EYE and with the development of an ecological transition hand in hand with 4.0 Industry.

After a very difficult deliberation, in the end, Team SPA was the champion of the Hackathon, yet all of the participating teams were true winners. Team SPA was formed by Francisco Salas (its leader), Lukas Krüger, Kari Glib, Orion Dai, Siiri Sillanpää and Ayushman Nath. The prizes of the Hackathon were officially delivered by Christian Stark, Employer Branding & Event Manager of Audi, at the EYE Conference in Lisbon. We thank all the participating teams and Audi, and see you in the next Hackathon edition!



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# Activities with partners

## Audi Driving Experience Day



The first Audi x European Young Engineers hackathon reached more than 40+ participants and 10 countries. The winning team was invited to the EYE Conference in Lisbon and to the Audi driving experience in Neuburg. There we experienced the Audi RS E-Tron GT in their race circuit. In addition, Audi team shared a seminar about Audi's decarbonisation strategy and its circular model in the value chain.

We would like to thank Christian Stark for his support throughout this experience. Thanks to him and the Audi team, this first hackathon has been possible. Also, many thanks to Christoph Praun for his insightful talk about Audi's decarbonisation strategy.



# Activities with partners

## EuroTeQ Advisory Board & ENHANCE

EYE is strengthening its activities within its partners EuroTeQ and ENHANCE.

EuroTeQ is emerging from the EuroTech Universities Alliance, taking on board two excellent partners Tallinn University of Technology from Estonia and Czech Technical University in Prague from Czech Republic. Anchored in diverse geographical and cultural contexts, each partner with their corresponding ecosystems provides added value and a competitive advantage to the EuroTeQ cooperation. Ecole polytechnique federale de Lausanne in Switzerland, Technion Israel Institute of Technology in Israel and 45 associated project partners from industry and society contribute to these efforts.



**JOIN OUR MISSION TO SHAPE EUROPE**

For more information, contact us at [info@enhanceuniversity.eu](mailto:info@enhanceuniversity.eu)

[twitter.com/enhancealliance](https://twitter.com/enhancealliance) [instagram.com/enhancealliance](https://www.instagram.com/enhancealliance)  
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[enhanceuniversity.eu](http://enhanceuniversity.eu)



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# Activities with partners

## External Representation

**The  
Guardian**

**ElectronicsWeekly**

**FT** FINANCIAL  
TIMES

**WOMEN  
OF THE  
FUTURE**  
*Programme*



T H E  
D I A N A  
A W A R D



DEPARTMENT OF  
ENGINEERING  
SCIENCE



**Capital**



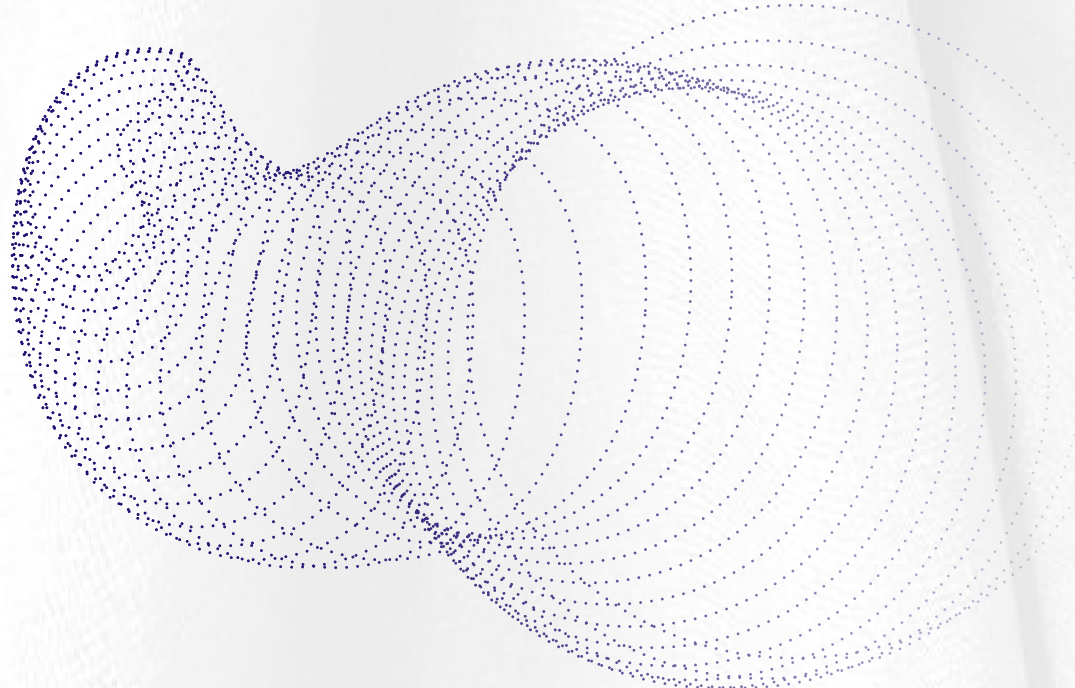
**wes**

Forbes  
**30  
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**IEEE**

**DIE ZEIT**



# Publications

## NEW report about Future Leaders Dialogue : An annual 'barometer' aligning students and industry

You want to work in Industry one Time? Pretty sure a lot of you want to do this anytime in the future – Maybe even all? You want to know what skills and people companies are interested in?

Over the last year we had the chance to gain these key points and they are now presented in the Future Leaders Dialogue Report. Read through it and gain important information about your future career!



Future Leaders Dialogue (FLD) is an annual 'barometer' to align students and companies on the skills requirements of young talents and the attractiveness of our industry, to help them in their next recruitment activities.

Launched in April 2021, the initiative is lead by a consortium of EILL industry members (AirLiquide, Covestro, Worley, McDermott, Neste) and European Student Organisations (BEST, ESTIEM, EYCN, EYE, EuChems, JEE).

# Publications

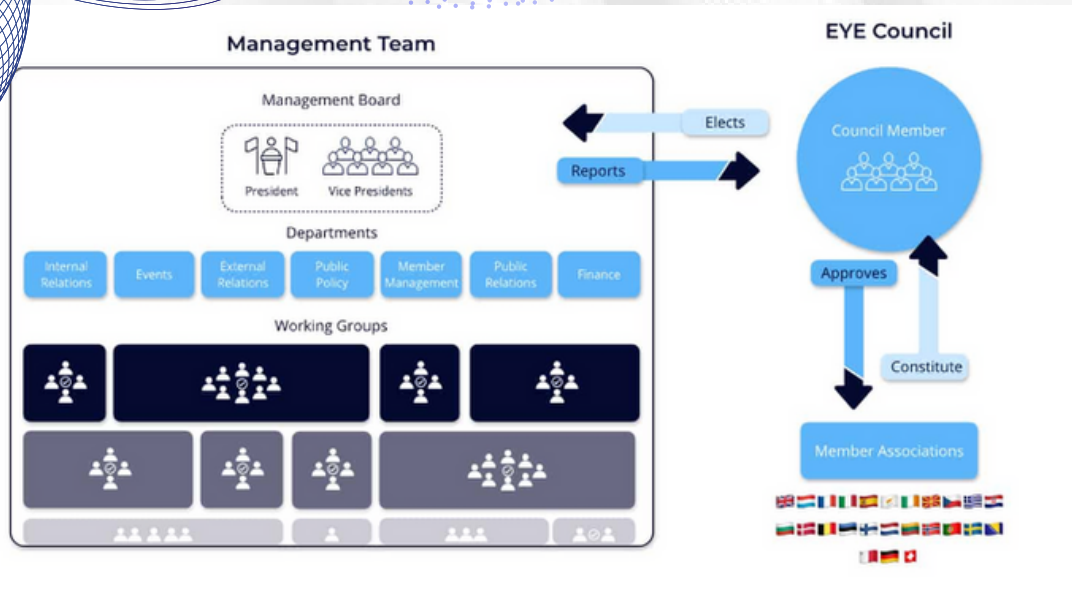
## **NEW PAPER: Water Reuse in a Circular Economy finally published!**



The wait is finally over! Two years ago the seeds of the EYE's working Group Water Reuse in a Circular Economy were planted and now comes the fruit of the working group's endeavours. In a short, comprehensible, informative, and realistic paper the working group has summarised several factors that concern water reuse.

Water is one of Earth's most valued resources, and the impacts of climate change will continue to make it scarce. Our Water Reuse working group aims at taking as many factors into account as possible, trying to inspect and evaluate different aspects that concern reusing water, deepening our understanding of this crucial topic. We envision to shed light on creative solutions that will promote sustainable use of water resources in European industries and beyond, in addition to seeking to reinforce the awareness of young professionals and decision-makers on the effects of anthropogenic factors on water resources. Highlighting the need to focus on providing opportunities and support to several industries around Europe and the globe is also on our agenda.

# People behind EYE



EYE comprises of member associations established in Europe. The main bodies of EYE are the the council, the management team, the management board and our member associations.

## The Council

The EYE Council is composed of two representatives from each member association. They decide on the focus of the Management Team in conferences to expand and strengthen the EYE network. The recent focus has been to formalize the structure of the organization to raise vital funds for EYE's work. The EYE Council meets twice a year (usually coinciding with the conferences)



# People behind EYE

hosted by one of the member associations in a European city. The EYE Council also has the responsibility to vote new member associations into EYE, to elect a President and the seven Vice Presidents of each department. Membership of the EYE Council is dependent on the rules of the individual member associations and Council Members are commonly elected amongst the active board of the young member associations.

## The Management Team

The EYE Management Team is held accountable by the EYE council for realizing the vision, mission, and strategy of EYE. The Management Team consists of an elected Management Board, comprising of a President and seven Vice Presidents, each heading one of the departments, and the Management Team Members, also known as the Task Force Members.

The Task Force Members form working groups within and across the departments to help and work with the Vice Presidents to complete tasks in their respective departments. They are the main organization that work on the topics and ideas that the EYE Council decides to share with the public.





# People behind EYE

## The Management Board

The Management Board is elected for a 12-month term of office, with the exception of the President who is elected for 24 months. Each Vice President leads a department and their respective Task Force Members.

The Vice Presidents lead the daily work and tasks of the Task Force Members and are the first contact person for their department. The Management Board meets up on a regular basis to give the President and the Management Team an overview of the current progress and departmental updates. The Management Board reports to the EYE Council at the Council Meeting twice a year. The President is the main representative of the Management Team to the EYE Council.

## Departments and Working Groups

EYE has seven departments. In each of the departments, there are multiple working groups that work towards defined tasks. Many volunteers work inter-departments to maintain the flow of information and strong connection between departments. By supporting each other every step of the way, each department works towards fulfilling the vision and mission of EYE. Every volunteer is a part of at least one department and invests their own leisure for bigger goals of the organization.

EYE establishes working groups to achieve the goals of the departments through concrete projects. Each working group is focused on a project with specific deliverables. Volunteers are welcomed to introduce new ideas and develop new working groups to fulfil their interests along with EYE's ambitions.

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# Sponsors and Partners

**EIIL**



The European Institute for Industrial Leadership (EIIL) helps industrial companies to attract, retain and develop their next generation leaders. Together with its global network of members, partners and individuals the EIIL researches issues these leaders will face in their workplace of the future. Knowledge is generated by research consortia and shared within an active network through conferences (i.e. 2020 Sustainability in Our Industry – Can being Part of the Solution attract talent?) or developmental workshops focused on various topics such as Ent-Ex, a three days workshop to develop entrepreneurial skills. Our collaboration mainly lies in supplying speakers for plenary talks or even workshops. Together with EIIL we closely work on developing young career-driven engineers in getting and improving their leadership skills.

## Engineers Europe Advisory Group (EEAG)

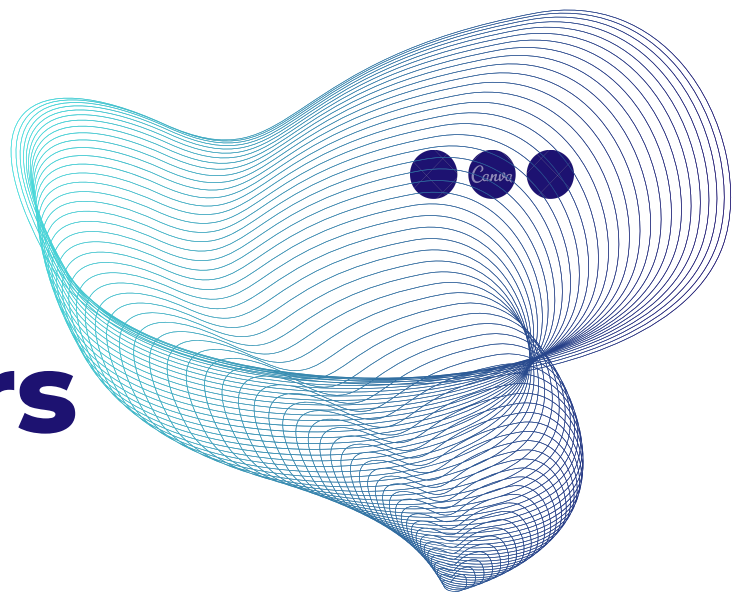


As part of the Engineers Europe Advisory Group (EEAG), EYE supports this initiative in three main areas: 1) We foster stronger relations between academia, professionals and the STEM industry 2) We reinforce the brand of the engineering profession and increasing its visibility 3) We emphasise on the digital dimension as a common denominator that connects these areas. The EEAG aims to become the leading voice of European engineers and establish an approach that will assist in the provision of effective solutions to the challenges of the European economies. In doing so, we hope to successfully promote the interests of European engineers.

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# Sponsors and Partners

## ENHANCE Alliance



The ENHANCE alliance consists of seven leading European Universities with a focus on science and engineering: Chalmers University of Technology, Norwegian University of Science and Technology, Rheinisch-Westfälische Technische Hochschule Aachen, Politecnico di Milano, Technische Universität Berlin, Universitat Politècnica de València, Warsaw University of Technology. Its intention is to create a new academic environment for the interaction between innovative technological progress and the society. The alliance is committed to sustainable research and education in science and technology by employing inter- and transdisciplinary approaches and co-creation methods tackling the main global challenges. As a project partner EYE gives general advice on the development of the project, learning initiatives, as well as collaborative efforts.

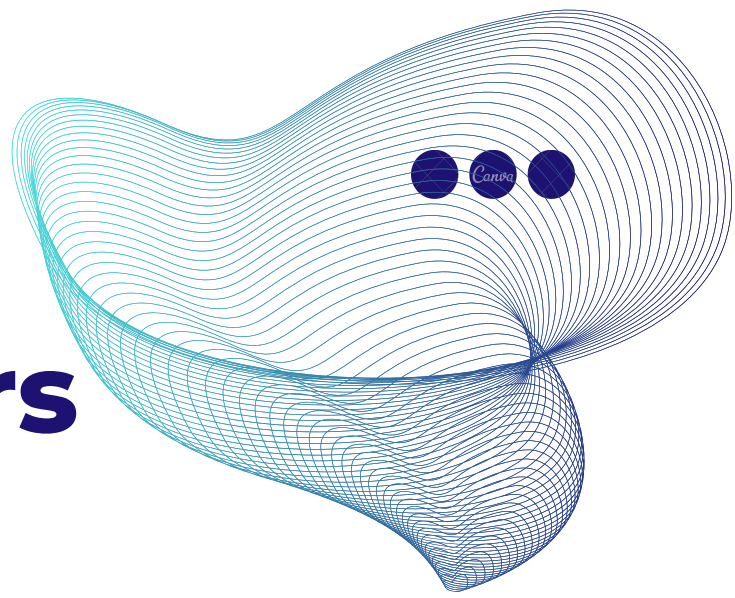
## EuroTech Universities



EuroTech Engineering Universities has been developed by a consortium of leading technical universities (technical universities of Munich, Lyndby, Prague, Tallinn; Eindhoven and Ecole Polytechnique Paris) in engineering and science in Europe. The program fosters a strong cohesion between education, research innovation and service to society in order to aspire to value co-creation of technology. EYE's beneficial role as one of the associated partners is to contribute to the 5 core activities of the project (EuroTech Campus, EuroTech Challenge, EuroTech Professional, EuroTech Monitor, and the EuroTech Outreach) through the implementation of activities and the exchange of expertise. Here you can learn more about the project.

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# Sponsors and Partners



**McDermott**

# MCDERMOTT

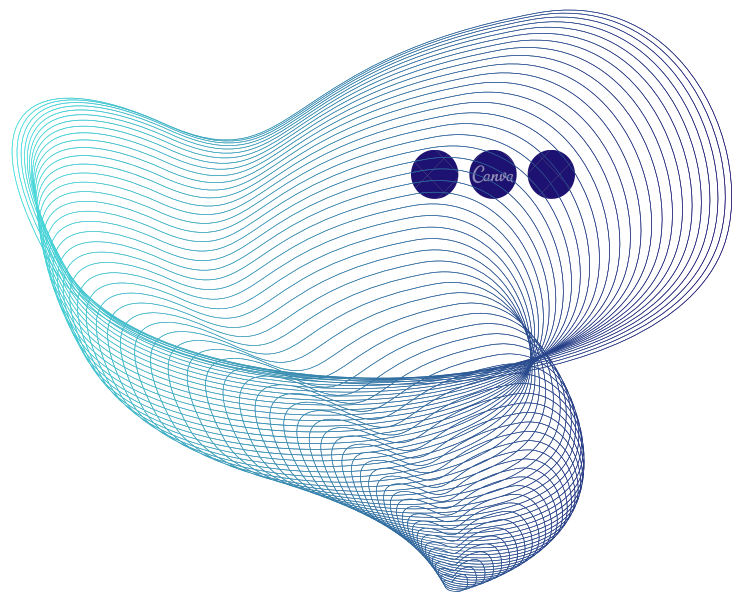
McDermott is a premier, fully-integrated provider of engineering and construction solutions to the energy industry. Its customers trust its technology-driven approach to design and build infrastructure solutions to responsibly transport and transform oil and gas into the products the world needs today. From concept to commissioning, its expertise and comprehensive solutions deliver certainty, innovation and added value to energy projects around the world. It is called the “One McDermott Way.” Operating in over 54 countries, McDermott’s locally-focused and globally-integrated resources include more than 30,000 employees, a diversified fleet of specialty marine construction vessels and fabrication facilities around the world.

As a sponsor of the European Young Engineers (EYE), McDermott is collaborating with EYE on a number of different projects as well as co-hosting events in the Netherlands. In 2020, McDermott and EYE launched an eight-week business challenge, aimed at developing sustainable solutions using artificial Intelligence and machine learning. EYE and its members intend to continue working closely with McDermott on sustainability and innovation projects in the future. By doing this, we are able to share knowledge and create opportunities for young engineers.

European Young Engineers

# Be part of EYE

## As a Volunteer



We attract students and professionals across Europe and our team comprise of a great diversity of interests, study areas, backgrounds, and countries. These are some of the things we look for in potential volunteers. We also value people who are self-motivated and have a strong drive to work for a cause!

### Why EYE?

We offer you a platform to work towards a subject of your interest and its future in Europe. You will get the chance to work, network, and make friends with people across Europe from varying backgrounds. You will get an opportunity to collaborate in a real work environment, developing your soft skills and being prepared to join global organizations. You have the opportunity to work across departments to get different exposures, catered to your availability.

### Who are you?

You are between 18 and 35 years old. You are or feel connected to engineering in Europe. You can dedicate at least 3 hours a week. You are an absolute doer – willing to take up responsibility for tasks and work towards results. You are resourceful, independent, flexible and someone that your team can depend on. You love to work collaboratively to create solutions. You would like to improve your soft skills in an international environment. Most importantly, you are passionate to change the future of engineering in Europe with us.

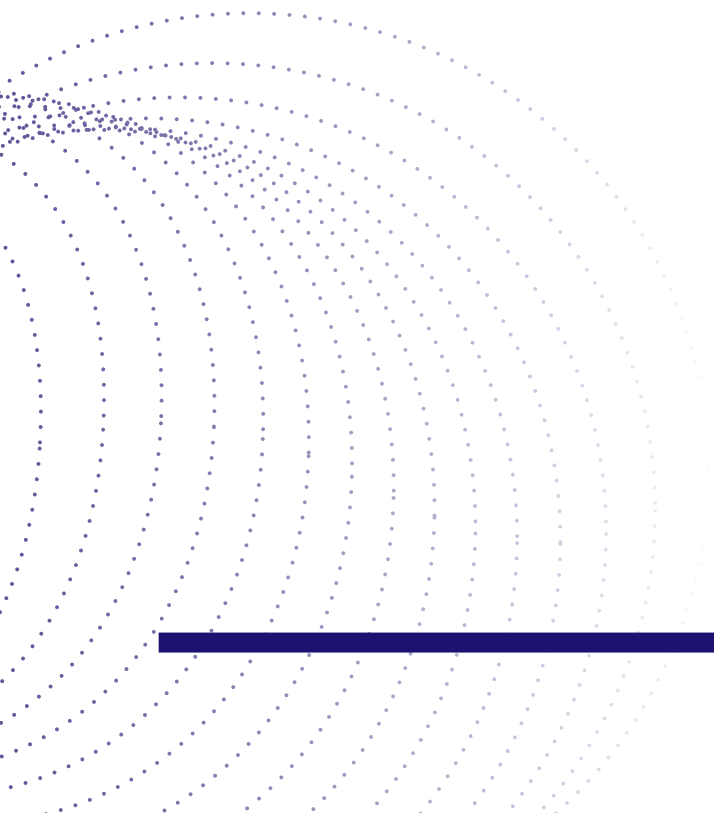
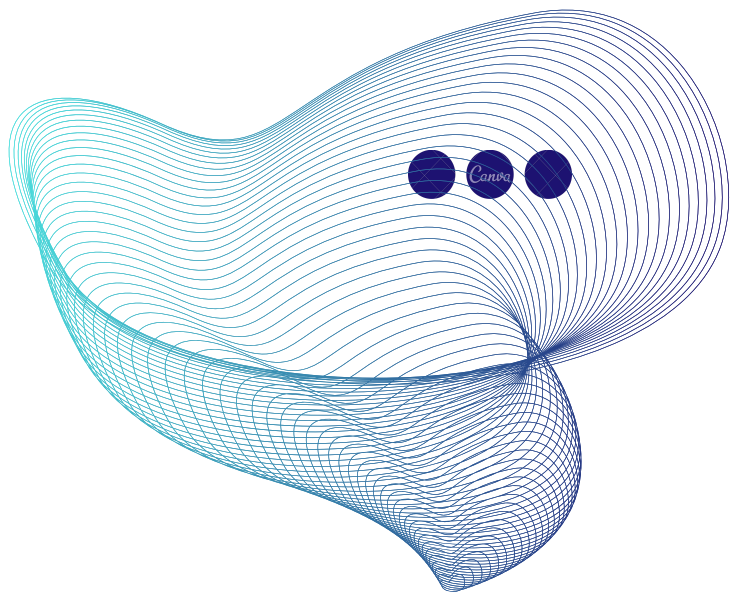
European Young Engineers

# Be part of EYE

## As a Sponsor or Partner

Founded in 1994, EYE has been organizing conferences for over twenty years aiming at bringing young engineers together to share their knowledge and experience and gain insight into living and working abroad. We have varying types of annual sponsorship packages you can choose from. Check out the sponsorship overview below.

For more details on how to become a sponsor, contact the President, or the External Relations Vice President ([external-relations@eyengineers.eu](mailto:external-relations@eyengineers.eu)).





# European Young Engineers

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