

**WORLD ENGINEERING
DAY 2022
FINAL REPORT**



RAMALEY

**THE BIG
CREATIVE**

GLOBAL EVENTS

EXAMPLE OF MAJOR EVENTS

- Over 135 events registered on the WED website



REPLAY THE 24HRS LIVE

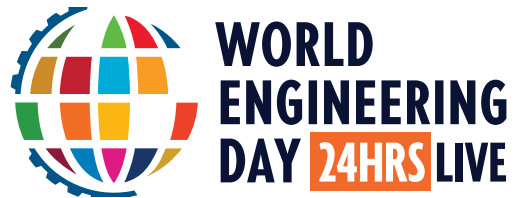


**31,538
VIEWS**



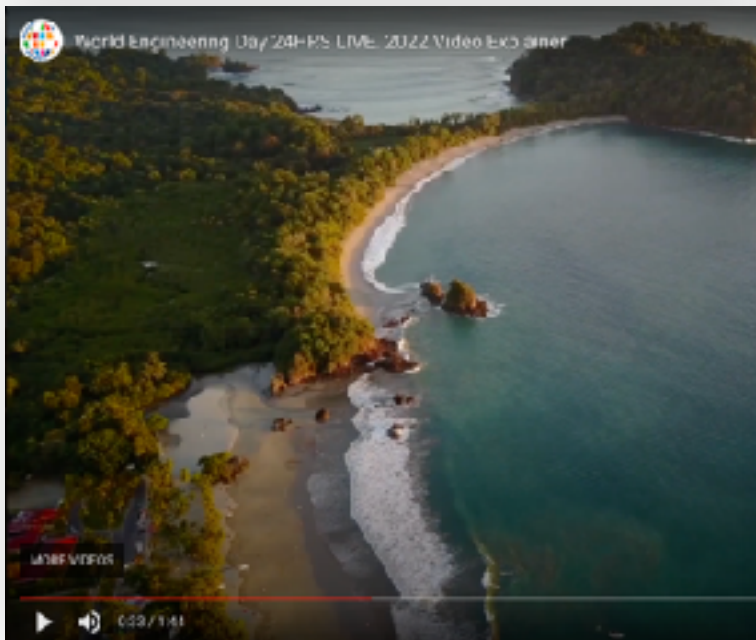
SELECT A DIFFERENT REGION BELOW





24HRS LIVE UPDATE

- The complete broadcast was placed on the [WED website](#) and made available for the entire year
- The team completely developed (from nothing) an entire sub brand, logo, website hub, info kits, explainer video, welcome videos, database forms, email program, social media program and MORE!
- Promoted hubs in 8 zones (Australia/China/India/Africa/France/UK/USA/Costa Rica)
- Worked connections with multiple WFEO partners for the provision of content for the 24HR feed
- Starting at 12pm (local) in Sydney, Australia on 4 March.
- Concluding 24 hours later, at 7pm (local) in San Jose, Costa Rica on 4 March.





HACKATHON

- Three great challenges, developed with the support of Engineers Without Borders (EWB), International Engineering Alliance (IEA), the International Federation of Engineering Education Societies (IFEES), the Global Engineering Deans Council (GEDC) as well as WFEO Executive Board
- We received more than 1000 pre-event registrations of which 465 students entered
- Confirmed INTEL as a PLATINUM Hackathon Sponsor
- The competition had 40 judges for Preliminary Round and 6 judges from our partners in Finalist Round.
[Preliminary Judges Video](#)
[Finalist Judges Video](#)
- The 6 'Finalist' judges are senior people from WFEO partners; UNESCO, EWB, IFEES, INWES, GEDC & IEA.
- The judging criteria, based on the IEA GAPC – is also a highly strategic move and in future years we hope will encourage more IEA signatories to get the universities in their jurisdictions to participate. For example, the accreditation board in Turkey (MUDEK) has been pushing the Hackathon, which is why so many from Turkey have registered.



Challenge Selected

Challenge 1: responsible and innovative use of materials and reduction of non-biodegradable waste

... 54

Challenge 2: Biomimicry in Engineering Solutions

... 36

Challenge 3: Water accessibility in a changing climate

... 35

Team Size

Number in your team

A team of 2 students

...

Teams

23

A team of 3 students

...

29

A team of 4 students

...

36

A team of 5 students

...

37

Engineering participants

Engineering Student?

Yes

426 (92%)

No

36 (8%)

FINALIST

- Female - 14
- Male - 16

WINNERS



1ST PLACE:

€4,000

2ND PLACE:

€2,000

3RD PLACE:

€1,000

- **Winning team:** WONDERPETS (from Philippines)
- 2nd Place: Mobile Rain Harvesting (from Canada)
- 3rd Place: HyaPak (from Kenya)

- **All** members of the winning teams are engineering students
- Winning teams were selected out of 9 Finalist entries.
- From 6 countries - Australia, Canada, China, India, Philippines & Kenya

[View all Finalist Playlist](#)



WONDERPETS - WINNER of the 2022 WED Hack

6,272 views • 7 Mar 2022

90 DISLIKE SHARE SAVE ...



WORLD ENGINEERING DAY FOR SUSTAINABLE DEVELOPMENT

THE WORLD ENGINEERING DAY FOR SUSTAINABLE DEVELOPMENT (WEDSD) IS AN INTERNATIONAL DAY OBSERVED ON 12 SEPTEMBER. IT CELEBRATES THE CONTRIBUTIONS OF ENGINEERS AND ENGINEERING TO THE WORLD'S SUSTAINABLE DEVELOPMENT AND THE FUTURE OF HUMANITY.

WEDSD IS A PART OF THE WEDSD INITIATIVE, A GLOBAL INITIATIVE TO PROMOTE THE IMPORTANCE OF ENGINEERING TO THE WORLD'S SUSTAINABLE DEVELOPMENT AND THE FUTURE OF HUMANITY.

WEDSD INITIATIVE

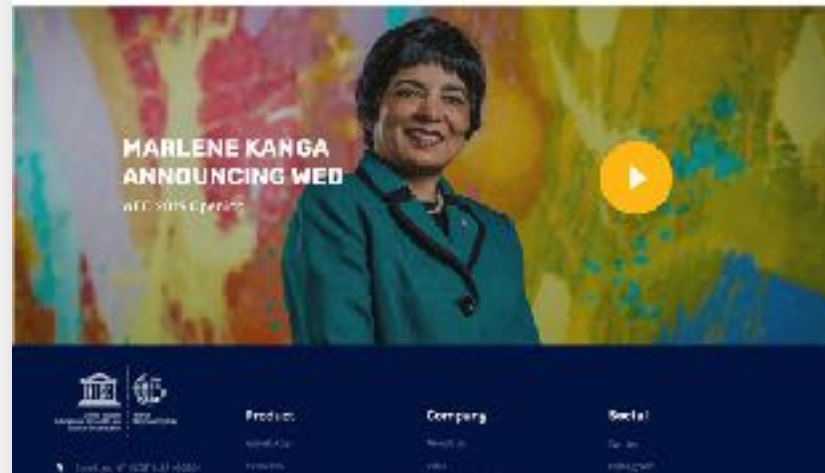


WORLD FEDERATION OF ENGINEERING ORGANIZATIONS

The World Federation of Engineering Organizations (WFEO) is an international organization of engineering associations. It is the largest and most influential organization of engineering associations in the world, representing more than 100 million engineers.

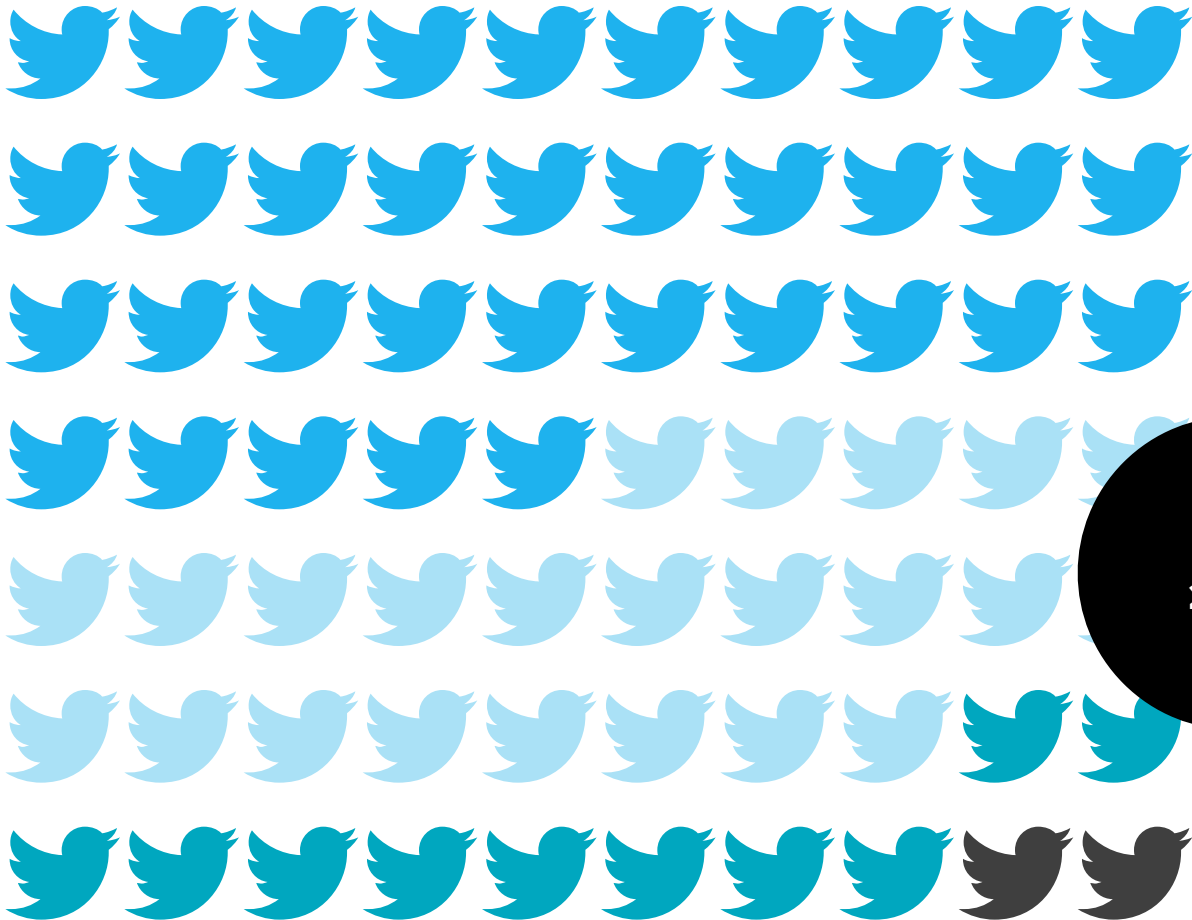
WFEO is the professional body for engineers and engineering organizations worldwide. It is the largest and most influential organization of engineering associations in the world, representing more than 100 million engineers.

REGISTER NOW

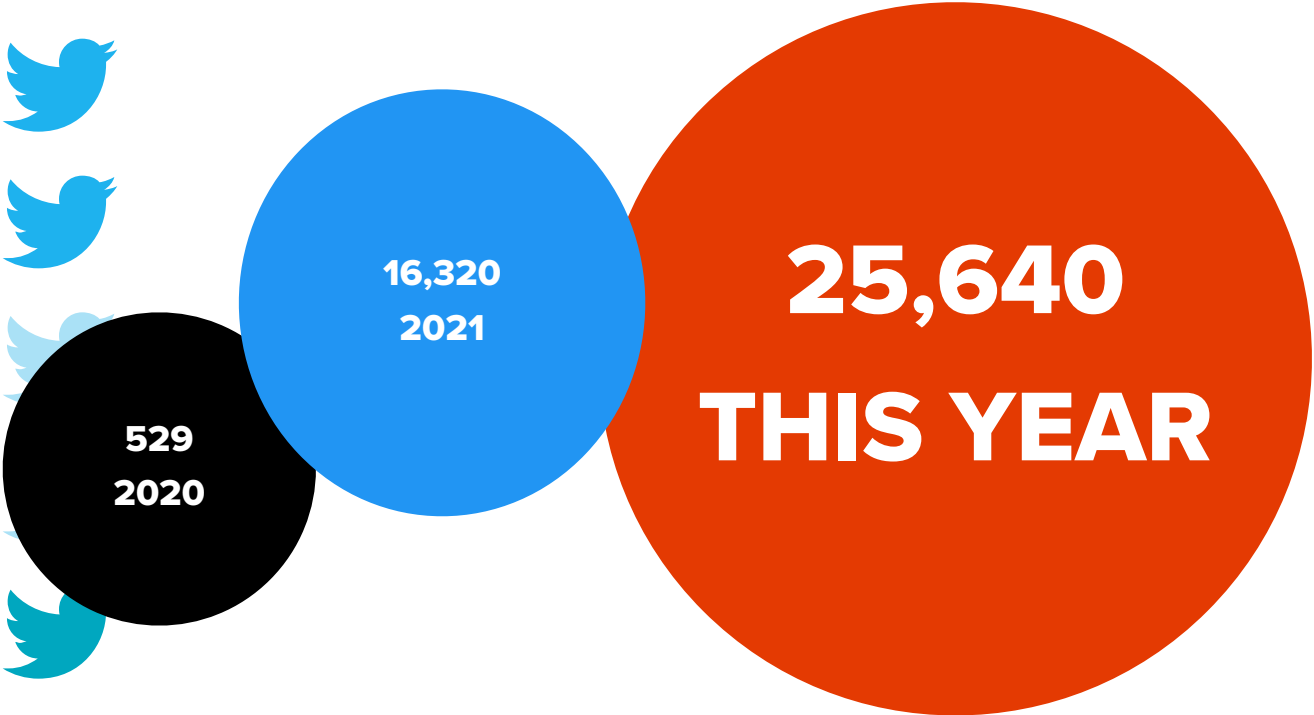


- We developed the new website during this process. Over 60+ custom pages, global events portal, Hackathon landing page, 24HRS LIVE landing page, forms, info kits, sponsorship page, donation portal, social media cheat sheet, resources, explainer videos, welcome videos, database forms, email program, social media program and MORE!

World Engineering Day 2022 Social Media Summary



CAMPAIGN HASHTAG USE





UNESCO #Education #Sciences #Culture @UNESCO
Mar 5

During #COVID19, we saw first-hand how engineering can make a difference and help build resilience. Join us in recognising how valuable engineering & science are in, and for our lives. on.unesco.org/EngDay #WorldEngineeringDay



UNESCO #Education #Sciences #Culture @UNESCO
Mar 5

All-girl team from the Philippines wins Sustainable #Engineering Hackathon on UNESCO's #WorldEngineeringDay. Congratulations! on.unesco.org/3H5EeD



UNESCO #Education #Sciences #Culture @UNESCO
Mar 4

Happy #WorldEngineeringDay! 🌍 Gender equality 🌊 Clean water 🌱 Sustainable cities 🌞 Climate action Engineers can contribute towards realising all the #GlobalGoals. Thanks to their work, they help shape a better world for all! on.unesco.org/EngDay



UNESCO #Education #Sciences #Culture @UNESCO
Mar 6

Without engineering, we cannot tackle the sustainable development question. We need to make sure that engineering education is inclusive and equitable to better respond to the challenges of today & achieve the #GlobalGoals. on.unesco.org/EngDay #WorldEngineeringDay



UNESCO #Education #Sciences #Culture @UNESCO
Mar 5

Through #Engineering innovations like big data & AI, we can harness the power of new technologies to ensure a sustainable future. Discover why policy-makers must consider engineering for #SustainableDevelopment on.unesco.org/Eng2021 #WorldEngineeringDay



UNESCO #Education #Sciences #Culture @UNESCO
Mar 4

Engineers take on some of the most pressing issues the 🌍 is confronted with, like climate change, environmental degradation & access to clean water & energy. This #WorldEngineeringDay, let's celebrate all engineers who tackle these global challenges! on.unesco.org/EngDay

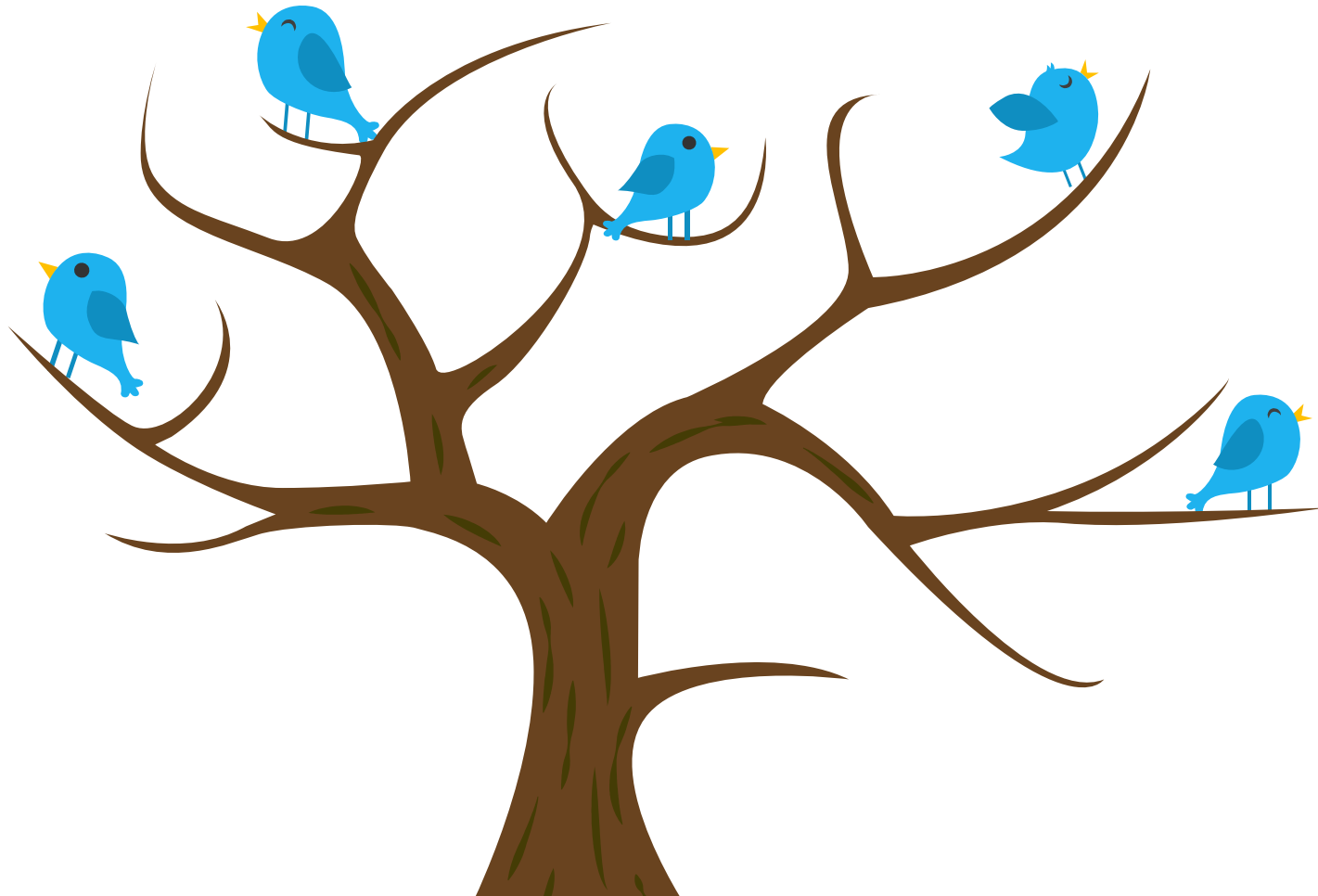


UNESCO #Education #Sciences #Culture @UNESCO
Mar 5

Addressing climate change, population growth & urbanization requires innovative engineering. That's why engineering capacity + competence-building activities are critical for engineers to be able to work on these challenges on.unesco.org/EngDay #WorldEngineeringDay



Holistic Potential Reach



THIS YEAR

56,100,000

2021

32,060,000

2020

17,000,000

WED2022 SUPPORTERS: SPONSORS



Platinum Sponsor



Platinum Sponsor



Gold Sponsor



Gold Sponsor



Gold Sponsor



Gold Sponsor



Gold Sponsor



Gold Sponsor



Gold Sponsor



Silver Sponsor



Silver Sponsor



Silver Sponsor

WED2022 SUPPORTERS: 24-HRS LIVE HOSTS AND PARTNERS



WED2022 SUPPORTERS: INSTITUTIONAL PARTNERS



United Nations
Educational, Scientific and
Cultural Organization

ICEE

International Centre for
Engineering Education
under the auspices of UNESCO



International Federation of
Engineering Education Societies



International Federation of
Consulting Engineers (FIDIC)

**ENGINEERS
WITHOUT
BORDERS**
INTERNATIONAL



International Network of Women Engineers and Scientists

... building a better future worldwide



NEXT UP

...

WED 2023
Hackathon 2023
LIVE 2023