



IE Sustainability Datathon

Opening Ceremony February 27th, 2025

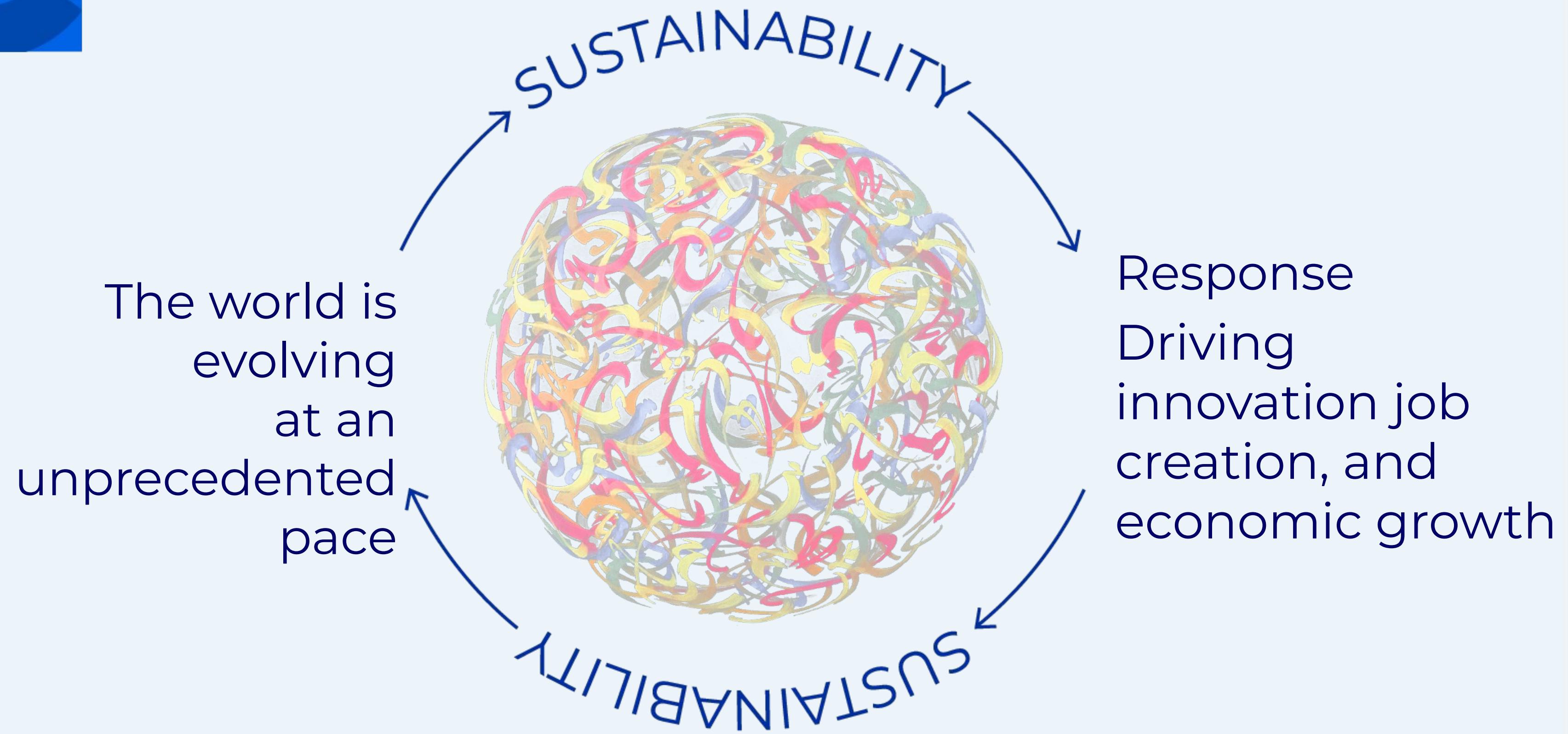
The background features a repeating pattern of large blue circles and smaller white circles, creating a grid-like effect.

ie

UNIVERSITY

SUSTAINABILITY AT IE UNIVERSITY

*Shaping the Future
together*



Europe: European Green Deal



China: 14th Five-Year Plan And Carbon Neutrality



Saudi Arabia: Vision 2030 And Saudi Green Initiative



United Arab Emirates: Net Zero 2050 Strategic



Initiative



South Africa: Just Energy Transition Partnership (Jetp)



Canada: Net Zero Emissions Accountability Act



Australia: Technology Investment Roadmap



Peru: National Climate Change Strategy



Brazil: Amazon Fund and Clean Energy Expansion



Chile: Climate Change Framework Law

Colombia: National Climate Change Policy

- (1) *Improving environmental and social footprints,*
- (2) *Reducing energy import dependency,*
- (3) *Opening opportunities for new industries and green jobs.*



**We recognize that
sustainability generates
value when considered
from a comprehensive and
integrative perspective**

Institutional footprint

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How we do what we do:

Our (Environmental, social, and societal) footprint is at the heart of what we do, across campus operations & organizational culture.



*Walking the talk
Talking the walk*

Sustainability content in programs

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A potential \$12 trillion in annual sales from green offerings by 2030, according to McKinsey & Co.

B2C

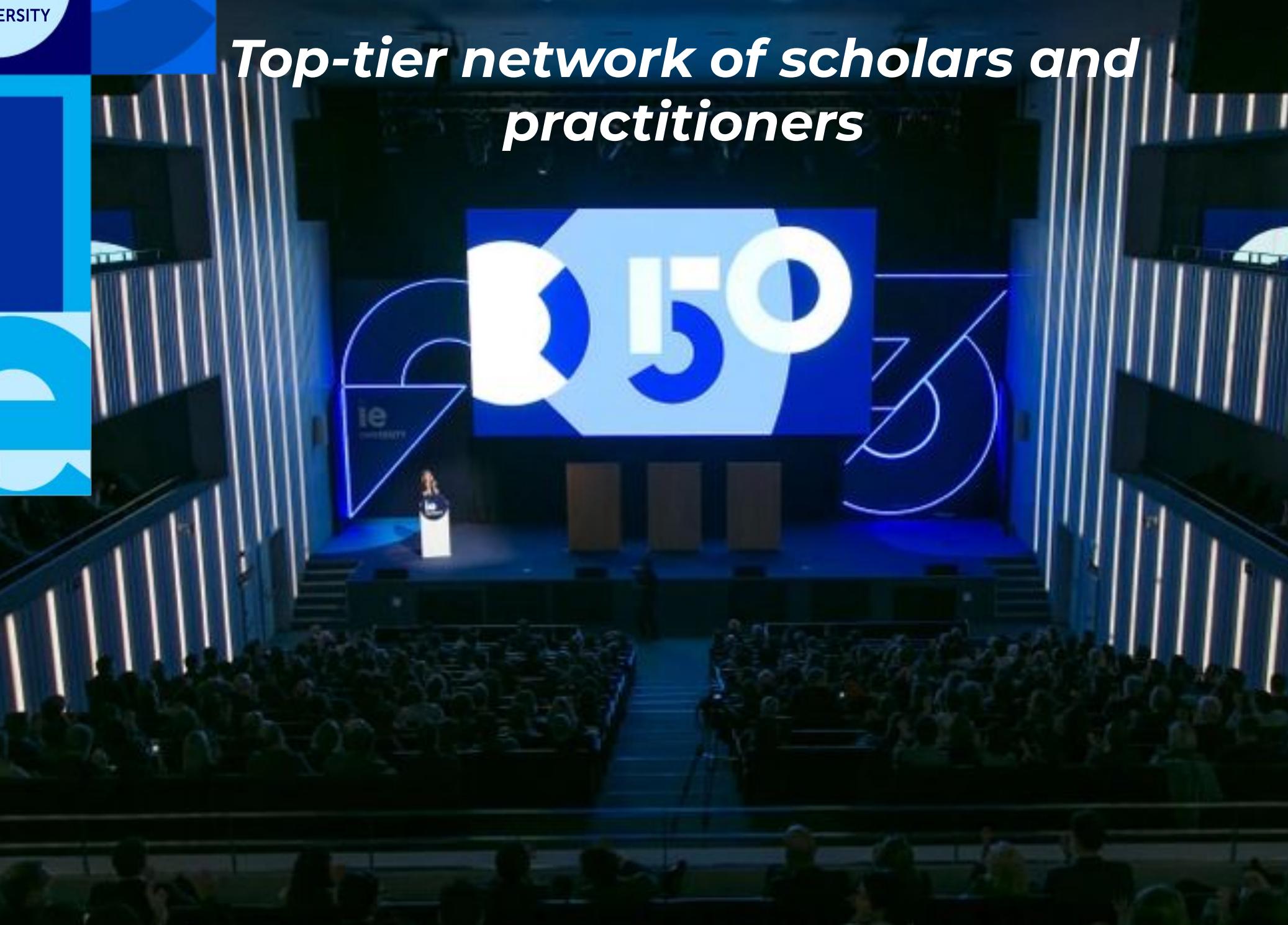
Sustainability is integrated across the curriculum

- MSc and BSc programs
- Specialization certificates
- Partnerships and capstones

B2B

Comprehensive support for the transition

There is a major gap in professionals equipped with the right skills.



Top-tier network of scholars and practitioners

SUSTAINABILITY THEMATIC PRIORITIES

- Climate Finance and Risks
- Green industrialization
- Climate resilience and risk management
- Circular economy

Fostering cross-disciplinary knowledge creation and dissemination.

Our leadership in this space has been recognized globally:



IE Business School, 1st worldwide in ESG and Net Zero teaching according to Financial Times MBA Ranking 2023



This latest ranking from the Financial Times follows the recent announcement that IE University is recognized as one of the first carbon neutral universities in Europe.

According to the latest ranking of Global MBA programs published by the Financial Times IE Business School is first in the world in teaching MBA students in matters related to ESG and Net Zero and the school is second in the world in its carbon footprint. IE Business School's International MBA program ranks 22nd in the world and sixth in Europe in the overall ranking. In addition, the institution is first in gender diversity in its faculty and in the boardroom. Criteria is based on career progression, diversity, global experience, as well as research and ESG.

“This latest ranking from the Financial Times reflects the work of our business school, together with our entire team, to promote business with education, research, and

Rankings:



**#1 Worldwide in ESG teaching
#2 Worldwide in Carbon Footprint**

MBA SUB-RANKINGS

Awards:

FT Responsible Business Education Awards



We won - In the Eye of the Storm



We won - In the Eye of the Storm

Finalist - In the Eye of the Storm



Our purpose is to Foster Positive Change

Mission:

- (1) Transformation of individuals
- (2) Fostering a deep understanding of the world's complexities through our research
- (3) Outreach initiatives to nurture individuals and society

Knowledge fuels action and through this action, individuals become catalysts for societal transformation, creating a better, more sustainable future for all.



WE CAN SHAPE THE FUTURE

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*That is not only sustainable but also
filled with promise and opportunity for
all.*



Sustainability isn't just a trend – it's the future.

The world is changing, and IE University is at the forefront of that change.





IE Sustainability Datathon

Opening Ceremony February 27th, 2025

IE Sustainability

Datathon

Opening ceremony



Juan José Casado
Chief Digital Officer
Repsol

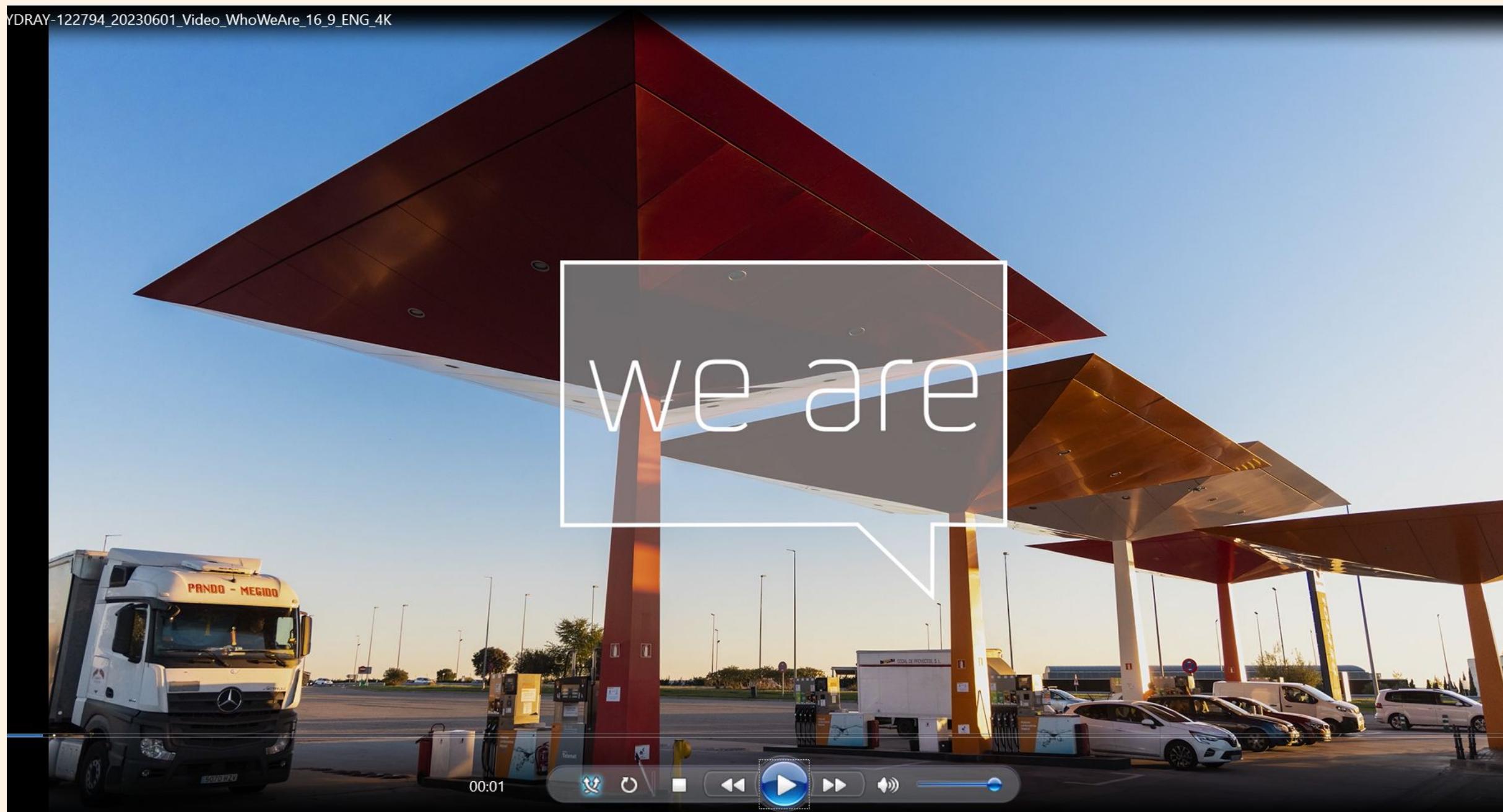


juanjose.casado@repsol.com

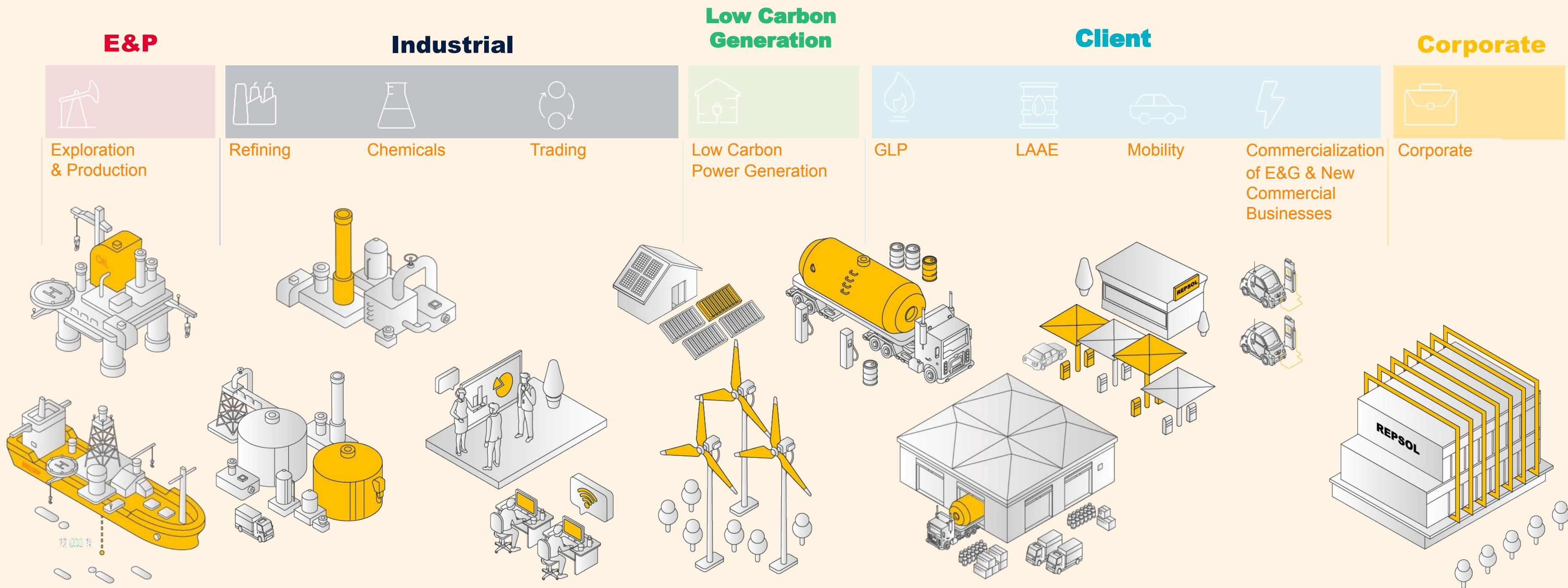


February 27th, 2025

Who we are



Repsol is a **multi-energy company** with a presence in **20+ countries** and **25,000 employees**, operating a business model that covers the entire energy value chain



"Digitalization enhances our company's results by placing our people at the center, being the main drivers of improvements achieved through new digital technologies and new ways of working"

Josu Jon Imaz
CEO of Repsol



In 2018, we launched the **1st Wave** of our Digital Program to drive **business transformation**, which has achieved valuable results

We have generated impact,...

800+M€ Economic impact

From th 1st Wave of our Digital Program

1350+ People

Who have participated in initiatives within the Digital Program

550+ Digital cases

Developed during the 1st Wave

400-500kt CO₂ emissions

Reduction achieved in the 1st Wave

... received external recognition,...



*"Repsol... launched an **ambitious digital transformation** effort...(that is generating) **essential contributions** to its business model"*



*"Successful Digital Program that **empowers business leaders** to take greater ownership of their own Digital initiatives"*



Benchmarked as **one of most relevant digital program** in Oil&Gas

...and established strategic alliances

INDESLA



Co-founder of the consortium to promote the **use of data and AI** in industrial companies in Spain



Data, analytics, sustainability, and customer storage solutions for our **renewable energy business**

celonis



Process mining for the optimization and automation of **internal processes**



Development of a **customer-focused omnichannel platform**



In 2022, we decided to continue our digital journey by extending the Program with a 2nd Wave, now running through 2027

Digital perseverance as a source of value for our Businesses

Leverage on the potential of Generative AI

Transformation and digitalization of talent

We defined the **strategy of the Digital Program**: accelerate business transformation, net zero goal and economic impact across Repsol value chain

1 End-to-end business integration

Achieve greater integration of value chain in all businesses through digital solutions

2 Hyper-automation and optimization

Driving process automation and optimization through digitization and data usage

3 Digital employee

Employee as a digitizing agent providing new digital solutions
(DiY, Generative AI, Data driven...)

4 Radical customer orientation

Delivering value and user experience to customers through data-driven customization and omnichannel interaction

5 Digital-driven sustainability

Supporting business sustainability and decarbonization by leveraging digitalization

6 Agile business construction

Launch new business platforms applying digitalization models

Gen AI supercharged

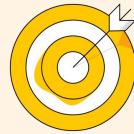
ECONOMIC IMPACT

NET ZERO

CULTURE

ADVANTAGE

We have launched a **Competence Center** to boost the adoption of **Generative AI** in Repsol and its impact in the different business units



Strategy

1. Gen AI systematization plans

Make a systematized plan by business unit that allows to identify transformational cases



Business value

2. New ways of working Lab.

Implement and ensure the adoption of tools that transform the way employees work

3. FactorIA Digital Cases

Develop operational and transformational use cases leveraging Generative AI

4. Development of generative code Lab.

Execute the deployment of Generative AI in software development in Repsol



Readiness

5. Productivity Office and value measurement

Identify, measure and track the impact (productivity and economic impact) generated for businesses by the use of Generative AI in Repsol

6. Gen AI Skills

Train teams to facilitate the transition and successful adoption of Generative AI

7. Gen AI Technology

Develop reusable components and ensure data governance

8. Responsible AI

Ensure, in an agile way, the legal and responsible use of AI

9. Human-centered AI

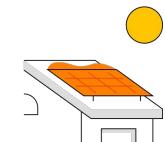
Apply employee and customer experience principles to this new technology

We have also launched initiatives that contribute to Repsol's **decarbonization** objectives

Vivit

- AI model that identifies which appliance is being used, and generates personalized **recommendations** on how to optimize energy consumption
- It facilitates customers an **analysis of their energy consumption** at home
- Awarded in the IX edition of **enerTIC Awards**, at Energy Transition & Sustainability

+500,000 Registered customers



Solmatch

- Initiative that **promotes the creation of solar communities**
- It allows households that cannot install their own solar panels **to access clean and renewable energy**
- **Green Generation Award**, awarded by El País and Capgemini

+5,000 Households supplied

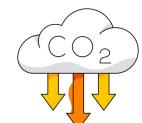
+1,000 tCO₂ Avoided emissions per year



Methane Detection

- Application that **improves the detection and management of methane losses** in E&P assets
- It allows **to reduce the environmental impact** of the management of methane by accurately identifying the most likely location of the methane leakage

85% Methane intensity reduction target 2017-2025



Decarbonization scenario simulator

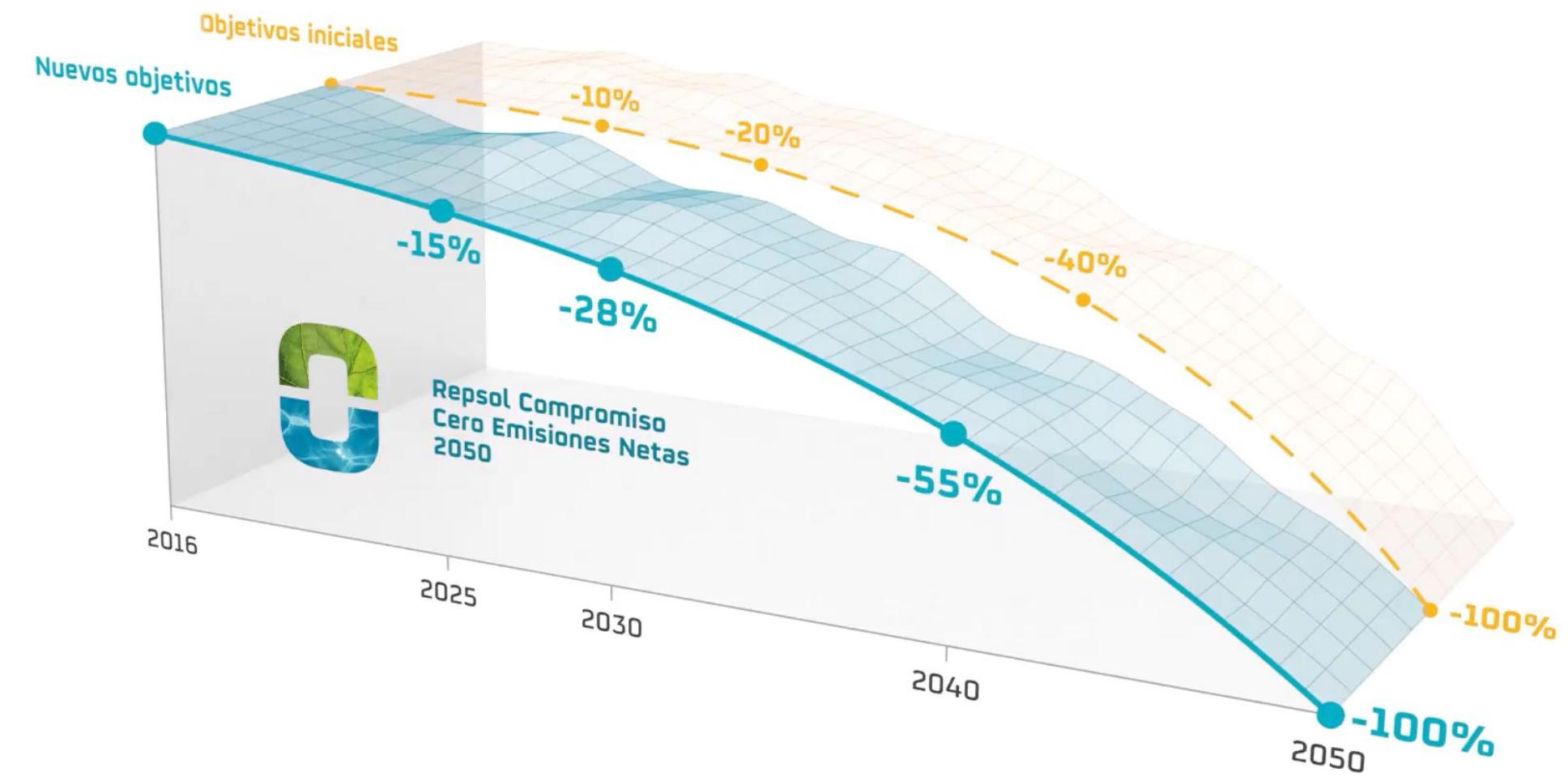
- Internal tool that **generates possible scenarios** to be followed to reach net zero emissions by 2050
- It enables a better understanding of **all the different paths available for Repsol** to reach its goal



Smart Energy

- AI-based tool that generates **optimization models** for the management of the **main assets** of the refinery
- It **reduces energy consumption** of refineries through smart asset management

Repsol is the **first**
company in the
sector to commit to
achieving **net-zero**
emissions by 2050



The Digital Program, through the **use of data and AI**,
contributes to **Repsol's decarbonization pathway** and
the **reduction of emissions**.

THANK YOU

IE Sustainability

Datathon

Opening ceremony



Rubén Muñoz Pedrero
Digital Transformation Program Manager
Repsol

ruben.munoz@repsol.com

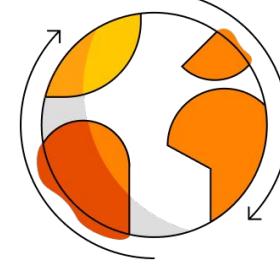


February 27th, 2025

Storytelling framework



1



Global Energy
Situation

2



Spain

3



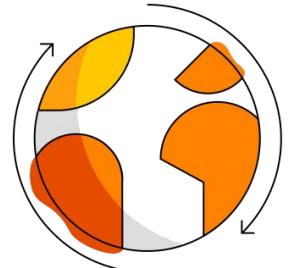
The Challenge

4



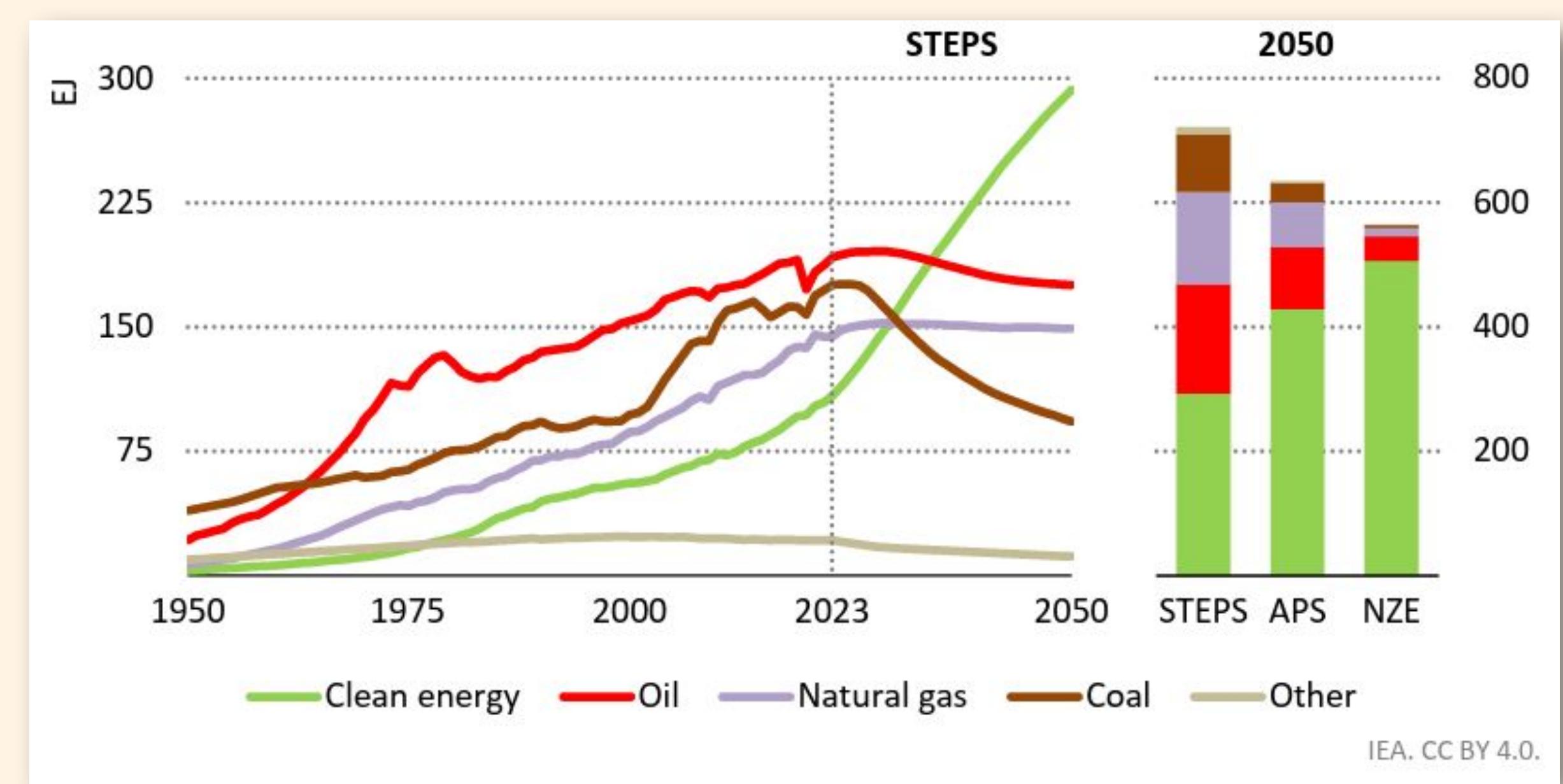
A Bigger
Challenge Ahead

1

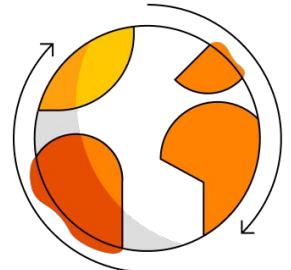


Global Energy Situation (1/3)

1.) Global increase in energy demand, **but with very large differences between areas (↑↑↑ complexity)**

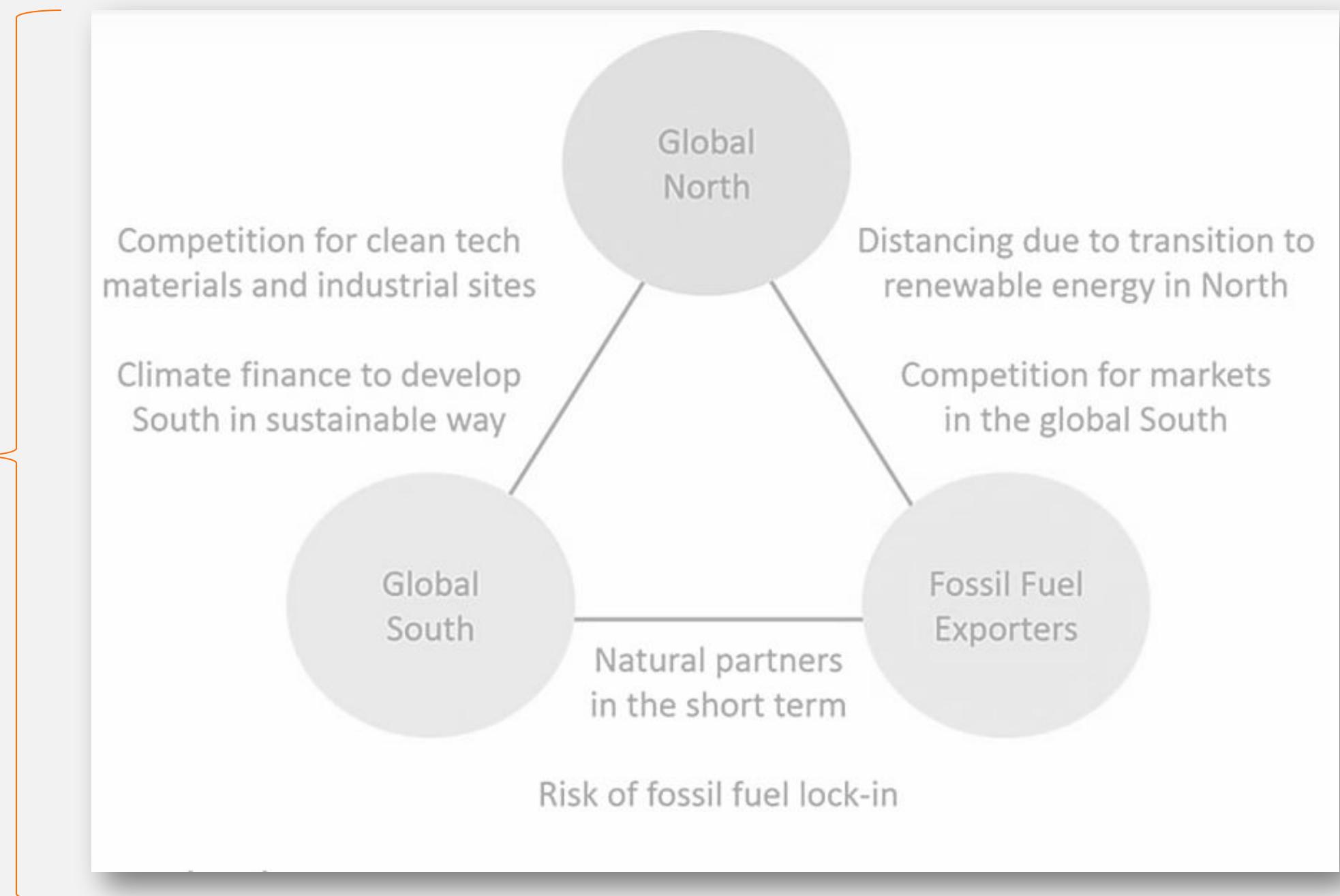


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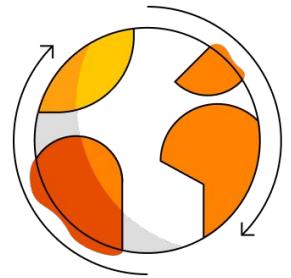


Global Energy Situation (2/3)

2.) Global energy geopolitics: a shifting balance between the North, the South, and Fossil Fuel Exporters ($\uparrow\uparrow\uparrow$ complexity)

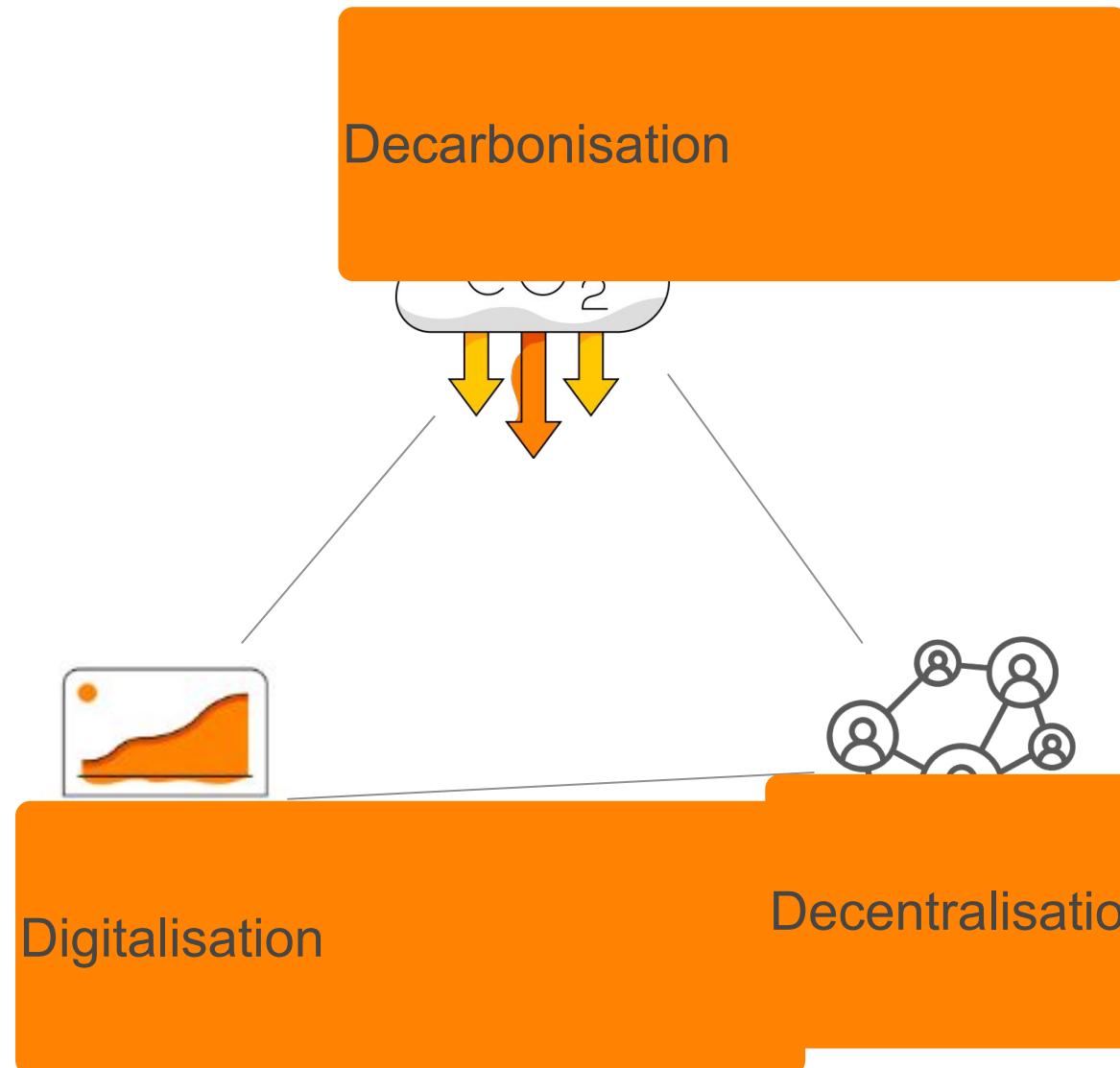
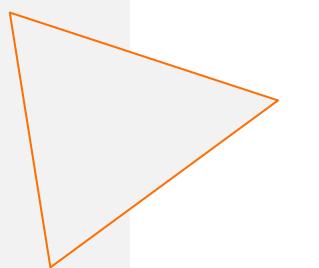


1



Global Energy Situation (3/3)

3.) At the same time, the energy system is going through **3 big transformations –the energy transition- (↑↑↑ complexity)**



Demand Side Flexibility in a nutshell...

[DSF 101: Introducing Demand-Side Flexibility - YouTube](#)



2



Spain



Greenhouse Gas (GHG) Emission Reduction

2030: Reduce emissions by 32% compared to 1990 levels.

2050: Achieve **climate neutrality**, with a **90% reduction** in emissions from 1990 levels, with the remaining 10% absorbed by carbon sinks.

Energy Efficiency

Reduction in final energy consumption: Improve by **43% by 2030**, exceeding the **38% European target**.

Cumulative energy savings (2021-2030): Reach **4,388.7 ktep**.



Renewable Energy Penetration

Renewable electricity generation: Reach **81% renewable electricity by 2030**.

Share of renewables in final energy consumption: Increase to **48% by 2030**.

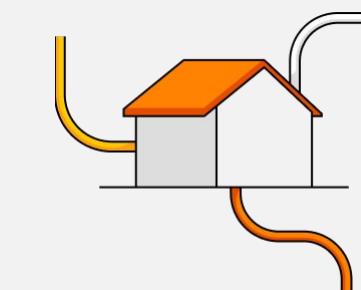
Self-consumption: Surpass **7 GW of installed capacity**, marking a **1,600% growth since 2018**.

Green hydrogen: Spain will account for approximately **20% of global renewable hydrogen projects**.



Flexibility and Energy Storage

Deployment of **batteries**, pumped hydro storage, and **demand-side management** to enhance grid stability



3



The Challenge

You will work with real data from an industrial facility with a **solar installation and no grid injection (175 kWp)**

Your goal is to design an optimization for the energy management of the plant; however, **since it is a complex challenge, we have divided it into two parts.**



Part # 1.: How much solar energy was wasted?



Part # 2.: Optimizing self-consumption with a battery and reducing CO2 by discharging at the right time

3



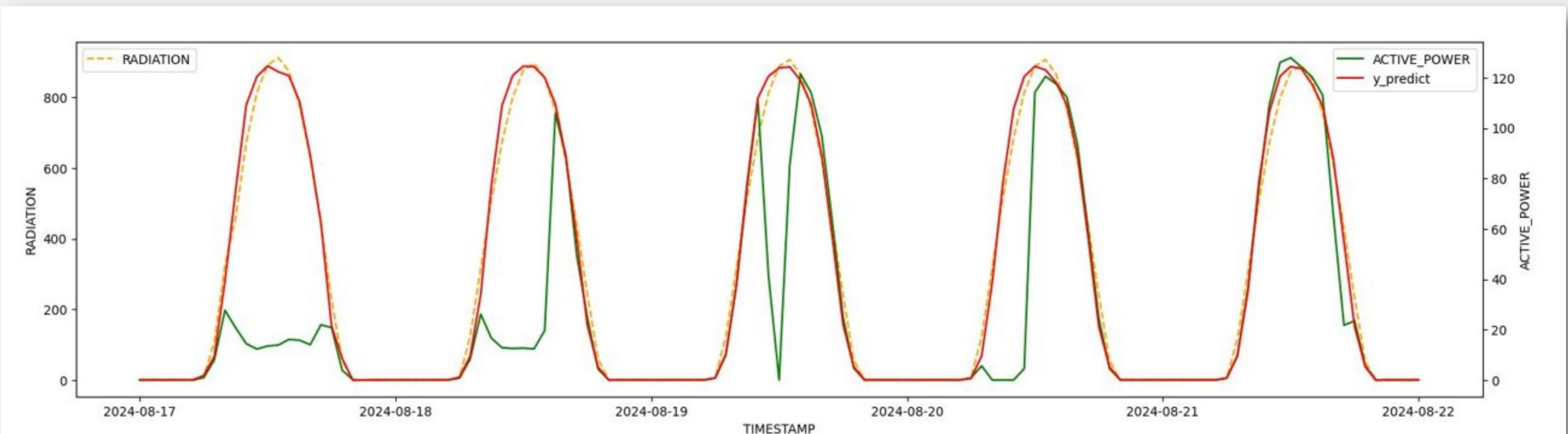
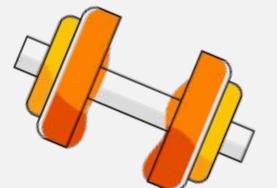
The Challenge



Part # 1.: How much solar energy was wasted?

Your goal is to calculate the unused solar energy. **What you will do?**

- Use 14 months of real data on **solar generation, grid consumption and weather conditions**
- Estimate how much photovoltaic energy could have been generated but wasn't due to a lack of consumption
- Develop a model to **simulate month#15**, which will be compared with Repsol's internal models



3



The Challenge



2

Part # 2.: Optimizing self-consumption with a battery and reducing CO2 by discharging at the right time

Your goal is to maximize the storage and use of surplus solar energy and, at the same time, use the battery to reduce CO2 emissions. **What you will do?**

- Use a theoretical battery (we will provide its specifications)
- This battery is not connected to the grid, so it can only be charged with surplus solar energy. You have to...
 - Optimize charging and discharging times to maximize the use of renewable energy and, at the same time...
 - Optimize battery discharge timing to replace grid energy in the most polluting hours

We understand that these goals can occasionally be at odds with one another. Teams will need to consider their options carefully to strike the right balance!!!

3



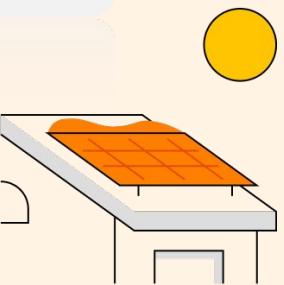
The Challenge (DATASETS)

1

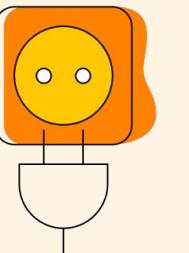


Part # 1.: How much solar energy was wasted?

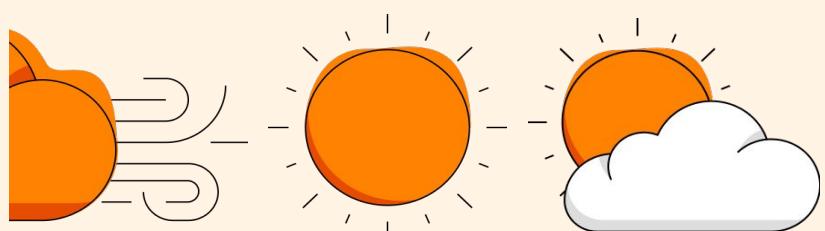
1.) Solar generation (hourly-KWh) 14 months



2.) Grid energy consumption (hourly-KWh) 14 months



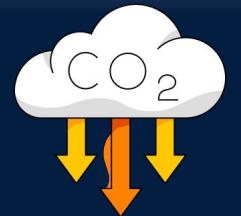
3.) Weather conditions (hourly) 15 months



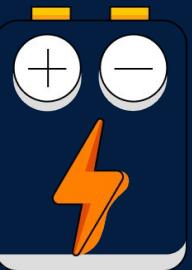
Part # 2.: Optimizing self-consumption with a battery and reducing CO₂ by discharging at the right time

4.) Carbon intensity data from the Spanish electricity mix (hourly-grCO₂eq/Kwh)

We define **high-carbon-intensity hours** as those in the 75th percentile of the **electricity mix during the analysis period**

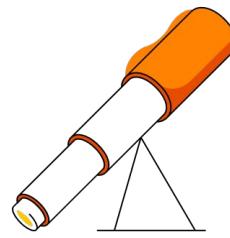


Battery Parameters



- Capacity: 100 kWh
- Efficiency: 90% (losses in charge/discharge)
- Maximum charge/discharge power: 100 kW

4



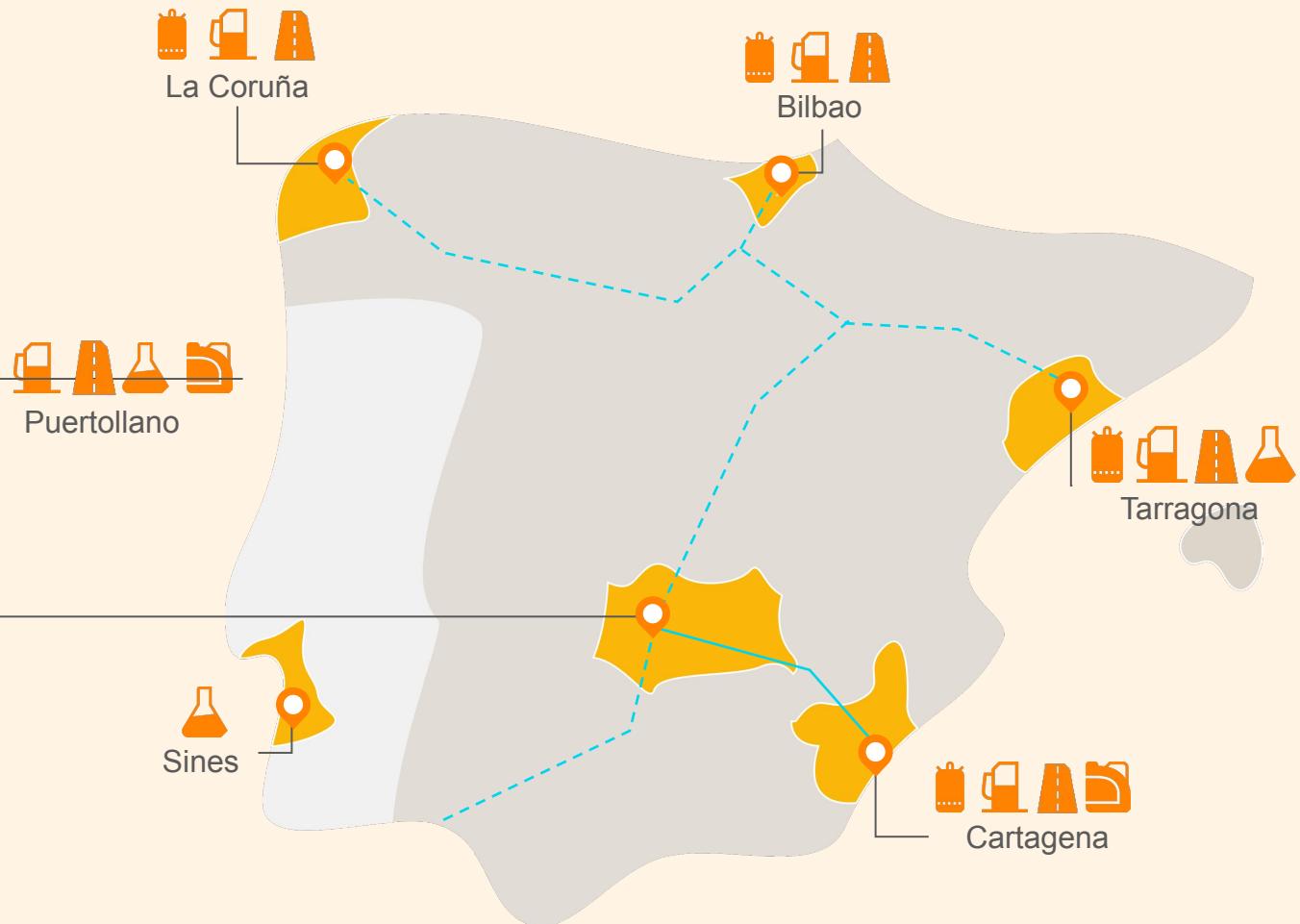
A Bigger Challenge Ahead

Will we be able to turn our energy management into a new source of revenue based on DSF?

Does it make sense to manage all assets as a single digital asset?...

we'll see...let's take the first step!!!

≈4.000
Petrol stations in
Spain&Portugal





Thanks!!!



IE Sustainability Datathon

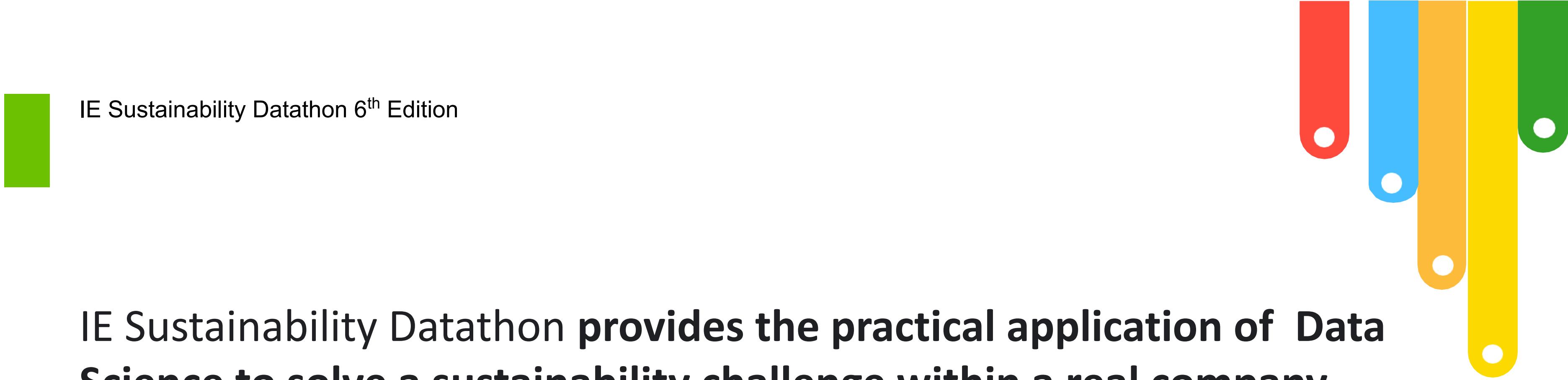
Opening Ceremony February 27th, 2025



IE SUSTAINABILITY DATATHON 6th Edition



DATA
SCIENCE
INNOVATION
SUSTAINABILITY



IE Sustainability Datathon 6th Edition

IE Sustainability Datathon provides the practical application of Data Science to solve a sustainability challenge within a real company.

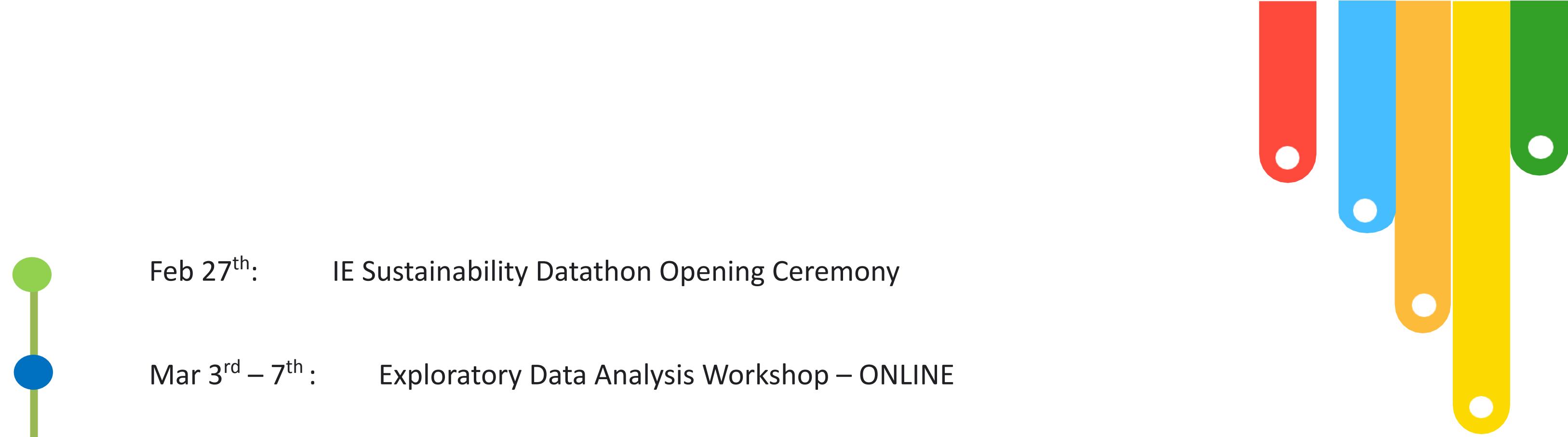


TEAMS & PARTICIPANTS

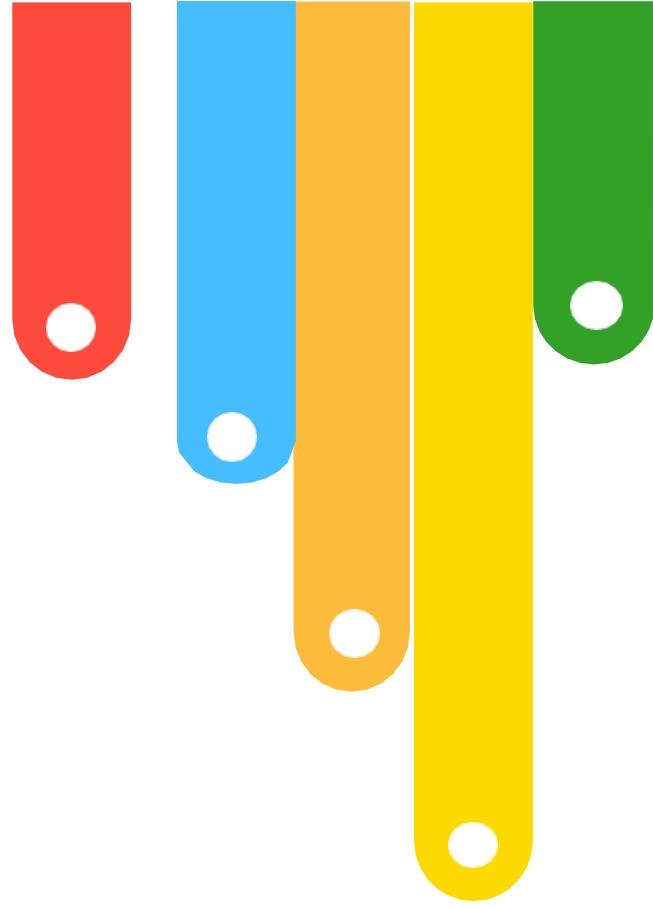
Total Students per Program		
Program	# Students	# Groups
MBD Sept 2024	110	20
Outside students in MBD groups	3	
MBD PT 2024 (online)	29	5
BCSAI	15	3
BBADBA	5	1
Mixed Bachelors	12	2
Total	174	31

Fura	Noise Navigators	The Green Algo	The Polar Pandas	The Residuals
The Datalists	Honest Greens	SustainaBit	Null is null!	GreenBytes
Code Blooded	Celtic Curry Condor Crescent Coders	Climate Coders	Ctr+Alt+Defeat	Sustainalytics
Breaking Data	Big Data Energy	The Buggers	Neural Navigators	ByteCrew
PTES	DatAvengers	404 Team Not Found	Carbon After Dark	Insiders
The Datathletes	EcoMax	LosHiros	NQB	

Timeline

- 
- Feb 27th: IE Sustainability Datathon Opening Ceremony
- Mar 3rd – 7th: Exploratory Data Analysis Workshop – ONLINE
- Mar 10th – 15th: Mentorship 1 - ONLINE – 30 minutes per team – Schedule with mentors
- Mar 17th – 21st: Storytelling Through Data Workshop – ONLINE
- Mar 24th – 27th: Mentorship 2 - ONLINE – 30 minutes per team – Schedule with mentors
- Mar 28th: **Final Submission Deadline @ 11:59am**
- Apr 2nd: IE Sustainability Datathon Closing Ceremony
Announcement of 5 Finalist Teams - **Final Presentations & Awards**



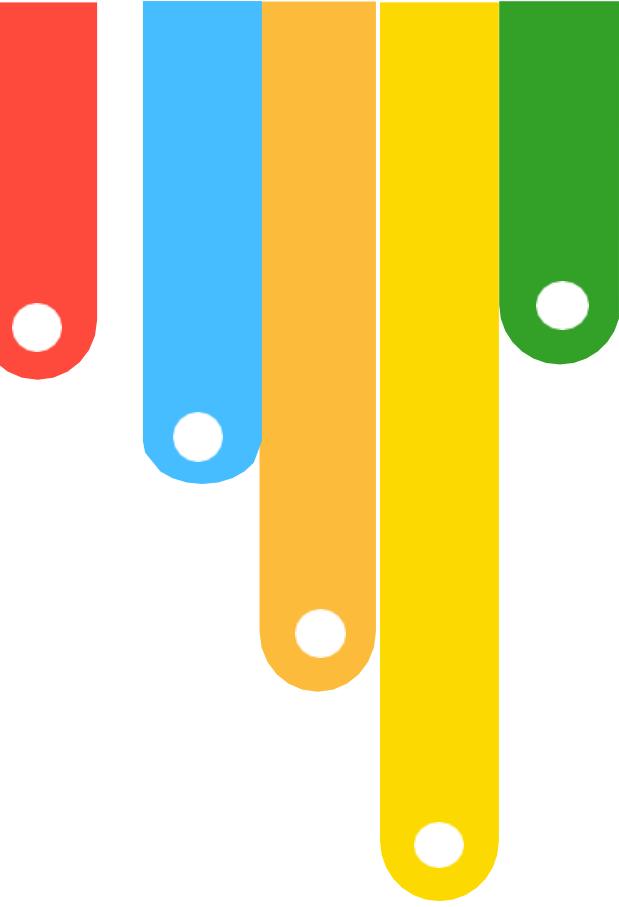


WORKSHOPS & MENTORSHIPS

- All **workshops** and **mentorships** will be carried out **ONLINE**
- **Workshops** have fixed dates
- Students and mentors are **free to schedule mentorship sessions** at most **convenient times and dates**
- **Exploratory Data Analysis** Workshop to help students **kickstart their projects**
- **Storytelling Through Data** Workshop to help students **condense their findings** into a **coherent storyline backed with data**
- **Mentorships** to receive **feedback and guidance** throughout the competition
- Each team has been **randomly assigned to a mentor**
- You will be able to schedule **2, 30 minute mentorships**



WORKSHOPS



Michelle Greaves

Exploratory Data Analysis Workshop



Antonio Almagro Fernández

Storytelling Through Data Workshop



MENTORS



**Jose Manuel
Carbó**



Andrés Alonso



Daniel Precioso



Michelle Greaves



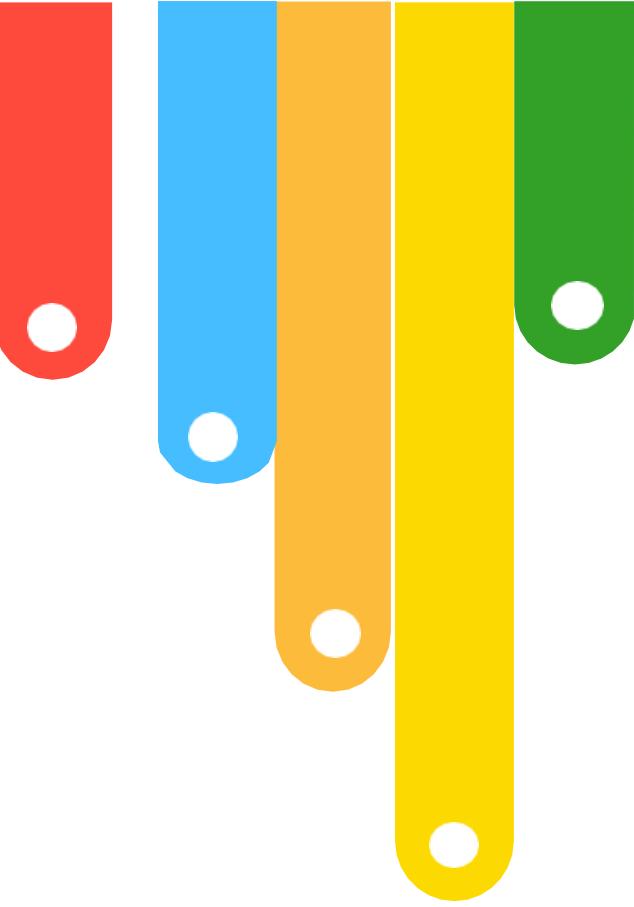
Matías Ávila



Silvina Arce



TECHNICAL COORDINATOR & EVALUATORS



Maria Teresa Ballestar de las Heras



Ana Montano Rodriguez

PRIZES



1st
3000€

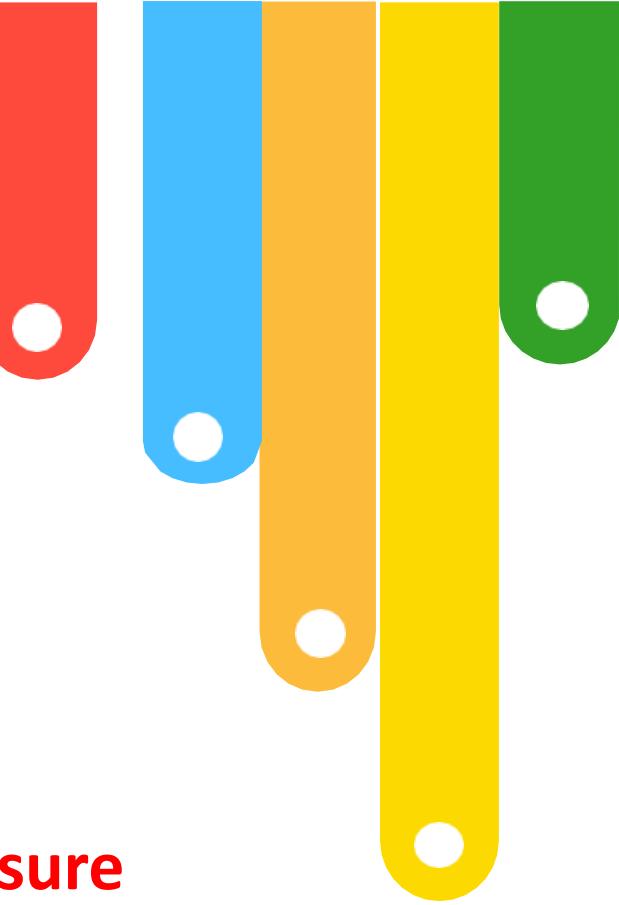


2nd
2000€



3rd
1000€

NDA & IPAA



NON-DISCLOSURE AGREEMENT

To EDP RENEWABLES EUROPE, S.L. (hereinafter, the "Participating Company"):

I am a registered student of IE, and I will work on a project in the Sustainability Datathon student (hereinafter "the Datathon"). As such, I may receive sensitive information from the Participating Company: my signature indicates that I have read, understand, and agree with the statements below.

I understand that the Participating Company will provide me with sensitive material and information that is critical to the success of the Datathon and is considered Confidential Information.

"Confidential Information" shall mean all data, information, trade secrets and other proprietary and confidential information relating to the Participating Company, and its affiliates, including products, formulas, designs, patterns, computer data or programs, know-how, data, existing and prospective customer, vendor, and supplier lists and files, methods of conducting business, financial and accounting statements and records, business plans, budgets and projections, prospective customer proposals, technical information, marketing materials and concepts, and any other information designated as Confidential Information by the Participating Company, and whatever the format or manner in which it is provided. Confidential Information includes also the information acquired, learned or developed within the Datathon.

Confidential Information shall not include information which: (1) becomes publicly available without breach of any obligation of confidentiality owing to the Participating Company; (2) becomes available to the undersigned on a non-confidential basis from a third party and I can reliably demonstrate it through written documentation; or (3) is required by applicable law, rule, regulation or order to be disclosed, provided that the undersigned shall provide the Participating Company with prompt notice of any such order prior to disclosure so that appropriate protective orders may be sought and the undersigned shall reasonably cooperate without charge with the Participating Company should the Participating Company wish to act or contest such matter, and the undersigned shall in such regard execute all documents reasonably requested by the Participating Company.

I recognize and acknowledge that (1) while I Confidential Information is the property of the Confidential Information would constitute a protection of the Participating Company's good the Confidential Information to others or use the or in any way to disadvantage the Participating C

INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

To EDP RENEWABLES EUROPE, S.L. (hereinafter, the "Company"):

I am a registered student of IE, and I will work on a project in the Sustainability Datathon (hereinafter "the Datathon"). I hereby grant the Company an exclusive worldwide and in time unlimited right to use in all possible forms and media all copyrightable documents, publications, products, analysis, inventions, improvements, ideas and results, whether copyrightable or not, which are created by me in the course of performance of the Datathon (hereinafter the "Work"), including, without limitation the right to use, adapt, edit, choose a title for the Work, translate, input and / or combine into (conventional, electronic, digital) database, reproduce (regardless of media of reproduction and of number of reproduced copies), publish, make available online (including in intranets and in the internet), sell, lease, give away for free, exhibit, record, film, and broadcast the Work, in its entirety or in part, in all forms of media, whether in printed or recorded form (analogous or digital), and regardless of whether in writing, as sound and / or as image, and regardless of whether for commercial or charitable purpose ("Right of Use"). I warrant that in granting the Right of Use, no rights of third parties, including data privacy rights have been infringed and that where necessary, I have obtained approval by third parties to grant said Right of Use to Company. The Work shall, either directly or by way of assignment by me to the Company be the property of the Company. The Company shall be entitled to assign or to sublicense in part or in full said Right of Use.

I would have the right to use the Work only in an academic sphere, within the Datathon as an educational project, therefore I will not be entitled to use, reproduce (regardless of media of reproduction and of number of reproduced copies), publish, make available online (including in intranets and in the internet), sell, lease, give away for free, exhibit...the Work, nor assign or to sublicense in part or in full any of such rights.

I would need to obtain Company's written and previous consent, for the use of Company's name, trademark and/or logo.

I agree to participate as required in promotional activities relating to the Datathon, including but not limited to, being interviewed, and photographed. If I am the winner I agree to grant the organizers (IE) and the Participating Company a perpetual and non-exclusive licence to use such footage and photographs in all media worldwide.

Name:

Every team member MUST fill and sign the Non-Disclosure Agreement & Intellectual Property Assignment Agreement.

**Teams will only receive access to the dataset once ALL members have signed and sent the NDA to:
sci-tech@ie.edu**

The deadline to submit the NDA & IPAA is Sunday, March 2nd at 23:59

Teams who have signed the NDA & IPAA will receive Access to the dataset on Monday, March 3rd after



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IMPORTANT INFORMATION



The banner features a background image of a dense green forest. Overlaid text reads "IE Sustainability Datathon 2025" in large white letters, and "6th Edition: February 27th - April 2nd, 2025" in smaller white letters. At the top left are logos for IE University Sustainability and IE University School of Science & Technology. At the top right are logos for Repsol and the IE Sustainability Datathon.

ie UNIVERSITY SUSTAINABILITY

ie UNIVERSITY SCHOOL OF SCIENCE & TECHNOLOGY

REPSOL

Evaluation Criteria

Registration Form

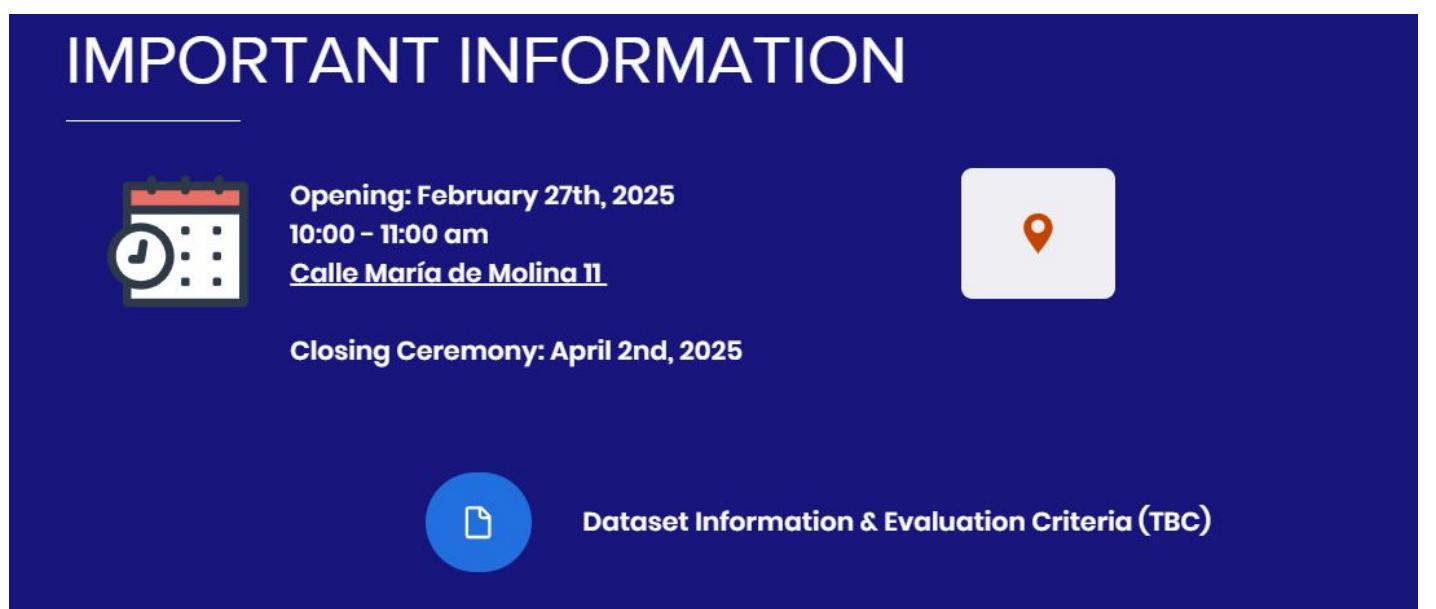
IE Sustainability Datathon 2025

6th Edition: February 27th - April 2nd, 2025

All relevant information is available on the
IE Sustainability Datathon Website

<https://www.iescitechdatathon.com/>

- Evaluation Criteria
- Dataset Information
- Check Your Results
- Final Submission



IMPORTANT INFORMATION

 Opening: February 27th, 2025
10:00 - 11:00 am
Calle María de Molina 11

 Closing Ceremony: April 2nd, 2025

 Dataset Information & Evaluation Criteria (TBC)



DATASET INFORMATION & EVALUATION CRITERIA



Dataset Information & Evaluation Criteria

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CHECK YOUR RESULTS

Check Your Results



IE Datathon October 2024

1. MODEL EVALUATION CRITERIA:

Submissions will be evaluated using two selected metrics. The model demonstrating superior predictive capability will display the smallest values across the two metrics.

- Root Mean Square Error (**RMSE**) for System Price (ESO, Outturn)
- Root Mean Square Error (**RMSE**) for Net Imbalance Volume (NIV Outturn +ve long)

2. METRIC'S FORMAT:

Ensure that the metric's format are presented to **AT LEAST FOUR DECIMAL PLACES**. Submissions that do not adhere to the specified format will not be considered for competition.

Example Formats: RMSE: 0.5939

3. OUTPUT FILE FORMAT (CSV):

The output file must contain predictions for two target variables: 'System Price (ESO, Outturn)' and 'Net Imbalance Volume (NIV Outturn +ve long)', specifically for October 1, 2024.

The predictions are to be provided with half-hour granularity, resulting in a total of 48 records per day. Additionally, each record must include a 'GTM time' variable, which indicates the time in GMT for each 30-minute interval, ensuring precise time alignment for each prediction.

- **GTM_Time:** This is a date-time variable.
- **System_Price:** This is a continuous numerical variable
- **NIV_outturn:** This is a continuous numerical variable.

The output dataset, which should contain your forecast, must be structured as described above and saved in CSV format.

4. CHECK YOUR RESULTS:

- [LINK TO RMSE CALCULATOR](#)
- [LINK TO RANKINGS](#)



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FINAL SUBMISSION

Final Submission



IE Sustainability Datathon October 2024 - SUBMISSION

The submission deadline is December 5th, at 23:59

eduardo_martin@alumni.brown.edu [Switch account](#)



The name and photo associated with your Google account will be recorded when you upload files and submit this form. Only the email you enter is part of your response.

Any files that are uploaded will be shared outside of the organization they belong to.

* Indicates required question

Email *

Your email

Team name *

Your answer

File Submission *

Upload up to 5 supported files. Max 10 GB per file.

Add file



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FINAL SUBMISSION

March 28th @ 11:59am

Notebook: Code and model ready to run and be tested by evaluators

Output file containing the predictions for the two target metrics (via Google Forms)

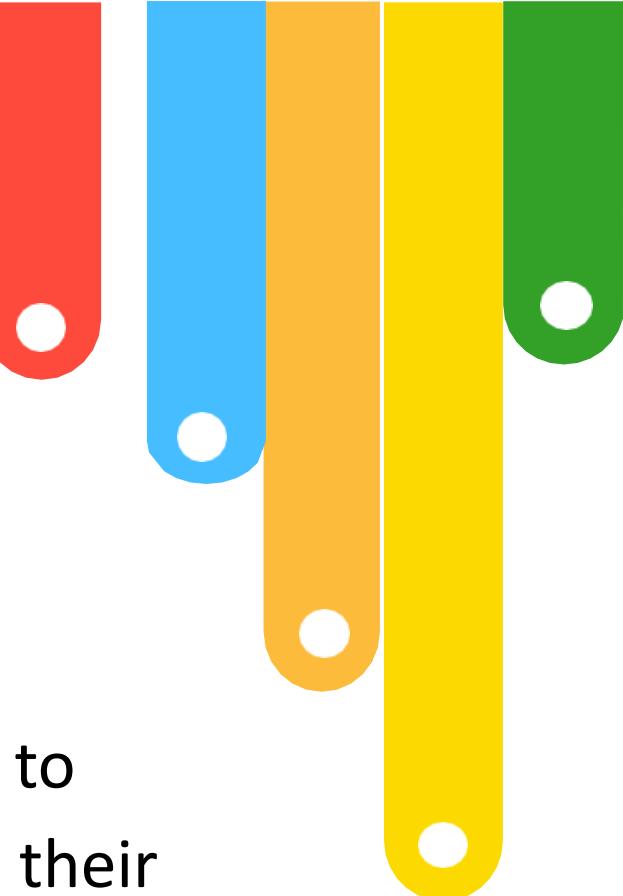
Performance metrics of the two models (via Google Forms)

Executive Report: 3 - 5 pages

Final Presentation: Final Presentation for Closing Ceremony

Prepared and submitted in advance because 5 finalists will be announced during the Closing Ceremony

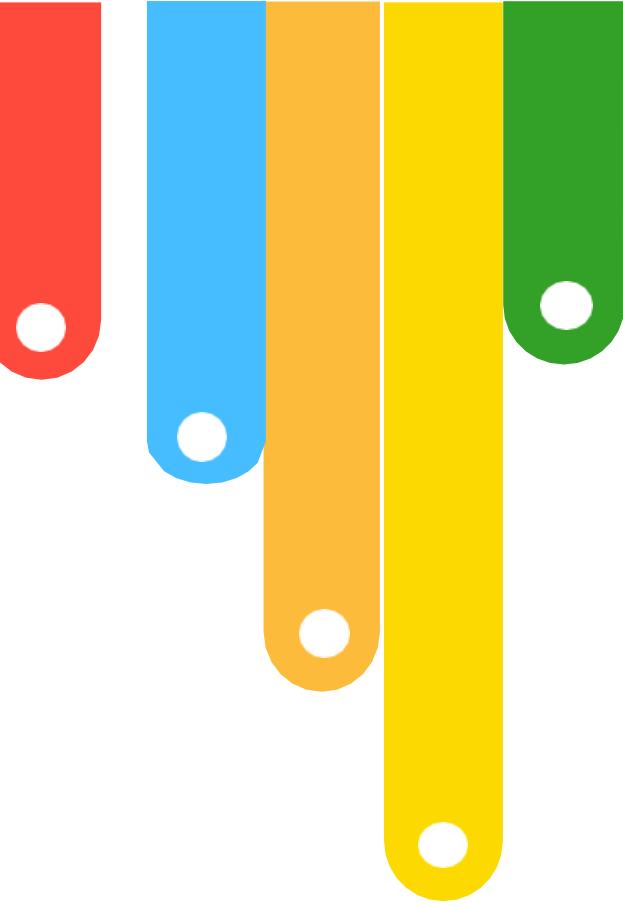
***Final presentations MUST be 5 minutes max + 5 mins of Q&A if your team is selected as one of the 5 finalists



EVALUATION CRITERIA

Technical criteria (50% weight on the final grades) are meant to assess the general ability of the teams to handle, interpret, and understand the data, build predictive models for the given problem and evaluate their performance according to an objective metric.

Business criteria (50% weight of the final grades) are more general in scope, and they involve the ability to devise what value can be extracted from this data, formulate relevant business questions and try to find answers to them in the data. The quality of the presentation and the ability to communicate clear and powerful ideas on the final pitch will also be part of the business criteria.



NOTE FOR FUTURE FINALISTS

PITCH CLARITY

Teams that are selected for the final phase will pitch their results in front of a jury.

During the pitch, you will need to transmit clear and powerful ideas that highlight your results and show your understanding of the problem and your ideas to contribute to the problem under consideration.

WILL YOU SURVIVE 10 MINS IN THE WHALE TANK?

Final presentations - **5-minute pitch**

+

5 minutes in the Whale Tank



María Teresa Ballestar

Head of Analytical Consultants at Google & IE Faculty





GOOD LUCK!



IE Sustainability Datathon

Opening Ceremony February 27th, 2025