



**bcscdh**

Magyarországi Üzleti Tanács a Fenntartható Fejlődésért  
Business Council for Sustainable Development in Hungary



British Embassy  
Budapest



**UN CLIMATE  
CHANGE  
CONFERENCE  
UK 2021**

IN PARTNERSHIP WITH ITALY



Ambasciata d'Italia  
Budapest



**AMBASSADE  
DE FRANCE  
EN HONGRIE**

*Liberté  
Égalité  
Fraternité*



Embassy  
of the Federal Republic of Germany  
Budapest

Canada



Embassy of the Kingdom  
of the Netherlands

# Welcome to the Race to Zero Business Ambitions Forum

3 December 2020



**bcsdh**

Magyarországi Üzleti Tanács a Fenntartható Fejlődésért  
Business Council for Sustainable Development in Hungary



British Embassy  
Budapest



**UN CLIMATE  
CHANGE  
CONFERENCE  
UK 2021**

IN PARTNERSHIP WITH ITALY



Ambasciata d'Italia  
Budapest



**AMBASSADE  
DE FRANCE  
EN HONGRIE**

*Liberté  
Égalité  
Fraternité*



Embassy  
of the Federal Republic of Germany  
Budapest

Canada



Embassy of the Kingdom  
of the Netherlands

# Race to Zero Business Ambitions Forum

*Achieving the net zero 2050 targets*

3 December 2020

# Agenda

- 14:00 Opening remarks  
**Paul FOX**, British Ambassador to Hungary  
**Massimo RUSTICO**, Ambassador of Italy to Hungary  
**Barbara BOTOS Dr.**, Deputy Minister of State for Climate Policy, Ministry for Innovation and Technology
- 14:10 Race to Zero: a global review - **Jen AUSTIN**, Director of Policy and Strategy, COP26 High Level Climate Champions team
- 14:25 Defining and achieving the net zero: practical resources - **Kaya AXELSSON**, Net Zero Policy Engagement Fellow, Oxford University Smith School of Enterprise and the Environment and the Environmental Change Institute
- 14:40 **Business voices** on the Race to Zero: Translating global pledges into local action
- Audi Hungaria, **Péter ÉLIÁS**, Head of Environmental Management
  - Budapest Airport, **Dr. Rolf SCHNITZLER**, CEO
  - Magyar Telekom, **Zsuzsanna FRIEDL**, People Unit Chief Officer
  - Deloitte Hungary, **Alastair TEARE**, Risk Advisory Business Leader
  - FCA Fiat Chrysler Automobiles, **Andrew HIGGINS**, Regional Managing Director CEE
  - ING Bank Hungary **Tibor BODOR**, CEO
  - Legrand Hungary, **László KÁROLYI**, CEO
  - Tesco Hungary, **Zsolt PÁRTOS**, Managing Director
- 15:05 **Discussion** and exchange of expertise
- 15:20 **Ambassadors' closing message** (pre-recorded video)
- 15:25 Closing remarks – **Iren MARTA**, Managing Director, BCSDH



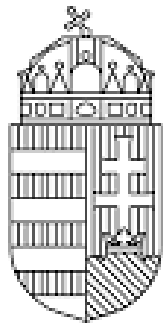
British Embassy  
Budapest

**Paul Fox**  
British Ambassador to  
Hungary



Ambasciata d'Italia  
Budapest

**Massimo Rustico**  
Ambassador of Italy to  
Hungary



INNOVÁCIÓS ÉS TECHNOLÓGIAI  
MINISZTERIUM

**Barbara Botos Dr.**  
Deputy Minister of State for  
Climate Policy,  
Ministry for Innovation and  
Technology



**UN CLIMATE  
CHANGE  
CONFERENCE  
UK 2021**

IN PARTNERSHIP WITH ITALY

**Jen Austin**

Director of Policy and Strategy,  
COP26 High Level Climate  
Champions team





# Making 2021 the most impactful year for climate action

Climate Champions  
December 2020



**JOIN US  
IN THE RACE  
TO A BETTER  
WORLD**

**RACE TO ZERO**

***COMING SOON:***

**Race for  
Resilience**

## Setting the bar: ensuring credibility

To maintain quality control, the commitments brought forward by networks and initiatives recognized in the Race to Zero campaign meet a minimum criteria.

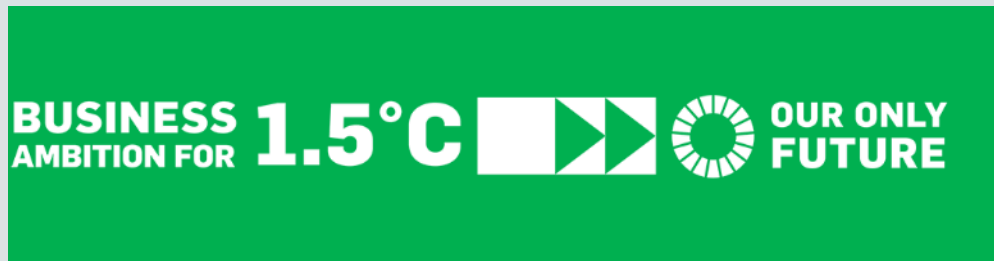
**1.  
Pledge**

**2.  
Plan**

**3.  
Proceed**

**4.  
Publish**

[Click here](#) for full details on the criteria.



# The Race to Zero

Members of Race to Zero join **120 countries** in the **Climate Ambition Alliance**, creating the largest ever alliance committed to achieving net zero carbon emissions by 2050 at the latest.

For the full list of Race to Zero members, please [click here](#)

To see all members of the Climate Ambition Alliance (which includes countries and Race to Zero) [click here](#)

For the latest report, '**Accelerating Net Zero**', evaluating commitments from cities, regions and companies [click here](#)

53%

Global GDP

23%

Global CO2 emissions

2.6

Billion people

\$4.72

Trillion in annual revenue  
(for the listed companies)

452

Cities

22

Regions

1,101

Businesses

45

Investors

549

Universities

and counting...



A high-angle, close-up shot of a red running track. The track is composed of several lanes, separated by white dashed lines. The lanes curve gently to the right. The red surface of the track has a fine, pebbled texture. The white lines are sharp and contrast well with the red background. The perspective is from above, looking down at the track as it curves away from the viewer.

**Tracks of the race**



# Climate Champions Playbook for Sectoral Decarbonization



Systems transformation  
map



Normative S curve of  
market evolution



Decarbonisation  
pathway



Systems transformation  
health indicators



A clear and  
compelling narrative



Efficient engagement  
strategy



A collaborative  
systems transformation  
approach

# Driving Decarbonization + Building Resilience

21 Sub Sectors, prioritized into 3 'Tracks'

## X-cutting issues and workstreams:

- Resilience
- Finance
- Stakeholder + Policy engagement

### Track A

Co-develop campaigns with core partners

- Clean power
- Hydrogen
- Road Transport
- Agriculture

### Track B

Campaigns led primarily outside but in partnership

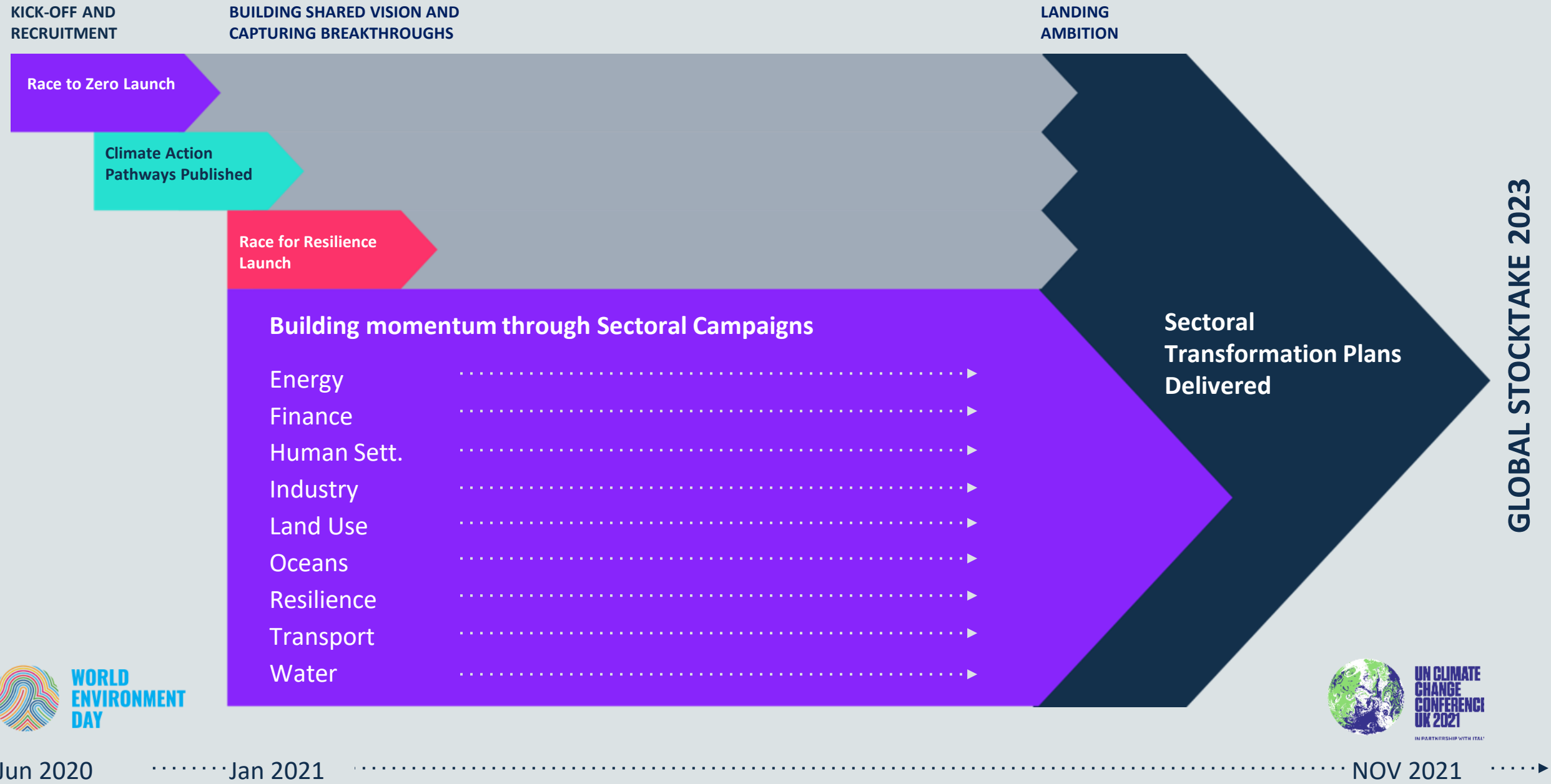
- Shipping
- Aviation
- Built Environment
- Cooling
- Cement
- Steel
- O&G
- FMCG/Retail/  
Fashion


### Track C

Support campaigns led outside HLC

- NBS: Land use
- Water
- Oceans & CZ
- Aluminium
- Metals & Mining
- Mobiles & ICT
- Plastics
- Chemicals
- Healthcare

# Delivering sectoral breakthroughs





To those yet to join  
Race to Zero, my message is  
simple: We can only win the race  
to zero together.

I urge you all to get on board.

*António Guterres*

*United Nations Secretary-General*

**RACE TO ZERO**



**JOIN US  
IN THE RACE  
TO A BETTER  
WORLD**

**RACE TO ZERO**



## **Kaya Axelsson**

Net Zero Policy Engagement Fellow, Oxford  
University Smith School of Enterprise and  
the Environment and the Environmental  
Change Institute

# THE WORLD HAS A GOAL: NET ZERO EMISSIONS BY MID CENTURY

What does this mean and how do we get there?

Informed by [Oxford Net Zero](#), and leading global scientists, this site connects users with research and tools on setting and achieving their net zero climate commitments across [sectors](#) and [policy landscapes](#).

**WHAT IS NET ZERO?**



# What's the minimum criteria?

The High-level Climate Champions require that the commitments brought forward by networks and initiatives recognized in the Race to Zero campaign meet a minimum set of procedural criteria.

These process criteria represent the “Starting Line” for the race, so meeting them does not necessarily imply that an actor is on track to net zero, only that they have begun the process.

## For more information

[Click here](#) for full details on the criteria.

[A mapping of the substantive criteria is available here.](#)

## 1. Pledge

Pledge at the head-of-organization level to reach (net)-zero in the 2040s or sooner, or by midcentury at the latest, in line with global efforts to limit warming to 1.5C

## 2. Plan

In advance of COP26, explain what steps will be taken toward achieving net zero, especially in the short- to medium-term. Set an interim target to achieve in the next decade, which reflects a fair share of the 50% global reduction in CO2 by 2030 identified in the IPCC Special Report on Global Warming of 1.5C

## 3. Proceed

Take immediate action toward achieving net zero, consistent with delivering interim targets specified

## 4. Publish

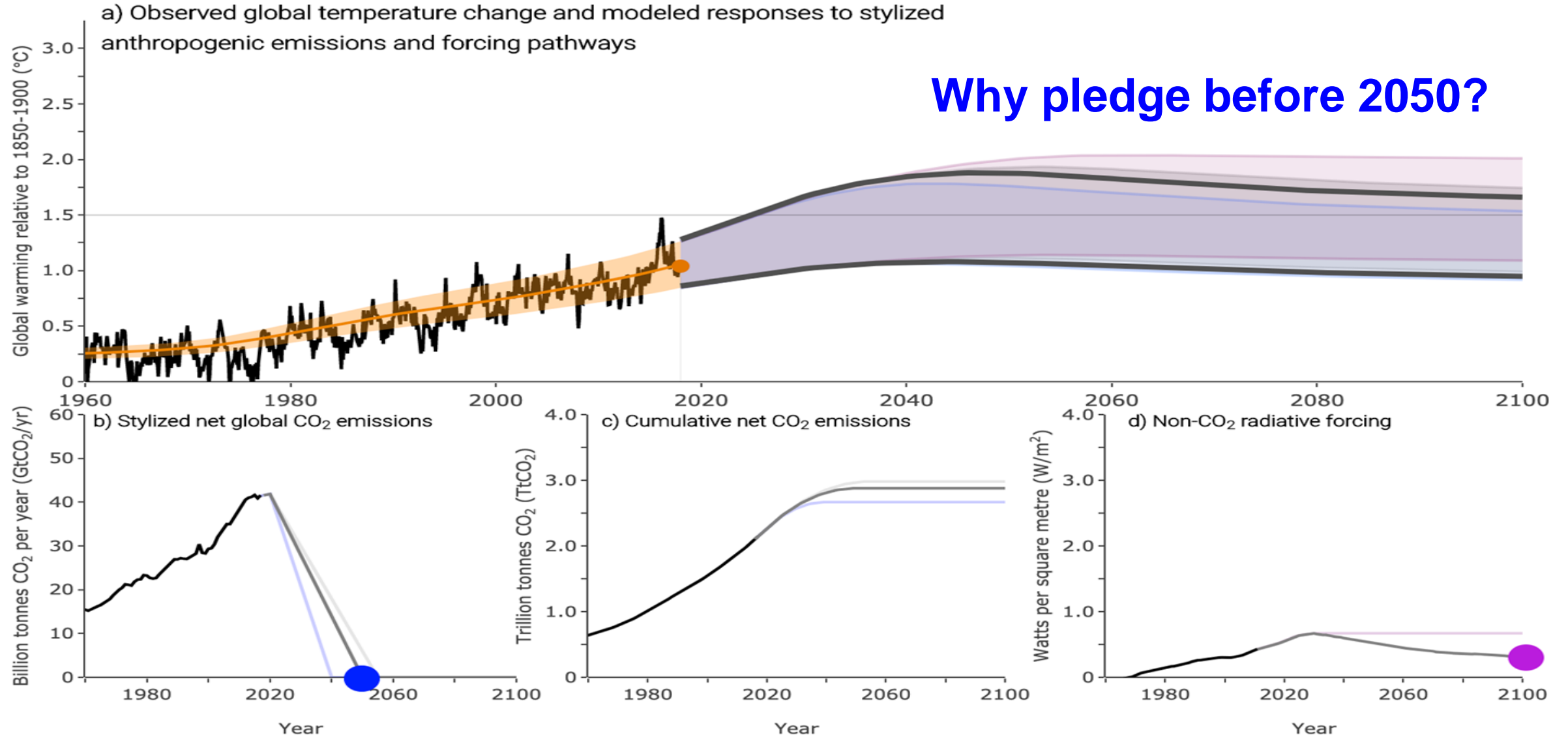
Commit to report progress at least annually, including via, to the extent possible, platforms that feed into the UNFCCC Global Climate Action Portal



UNIVERSITY OF  
OXFORD



# SPM.1: Figure 1 of the Summary for Policymakers of the IPCC's Special Report on Global Warming of 1.5°C.



Why pledge before 2050?

Year of net-zero: 2050







2100 non-CO<sub>2</sub> RF: 0.31 W/m<sup>2</sup>



















WORLD RESOURCES INSTITUTE

# HALF A DEGREE OF WARMING MAKES A BIG DIFFERENCE:


EXPLAINING IPCC'S 1.5°C SPECIAL REPORT

	1.5°C	2°C	2°C IMPACTS
<b>EXTREME HEAT</b> Global population exposed to severe heat at least once every five years	 14%	 37%	<b>2.6x</b> WORSE
<b>SEA-ICE-FREE ARCTIC</b> Number of ice-free summers	 AT LEAST 1 EVERY 100 YEARS	 AT LEAST 1 EVERY 10 YEARS	<b>10x</b> WORSE
<b>SEA LEVEL RISE</b> Amount of sea level rise by 2100	 0.40 METERS	 0.46 METERS	<b>.06M</b> MORE

	1.5°C	2°C	2°C IMPACTS
<b>SPECIES LOSS: VERTEBRATES</b> Vertebrates that lose at least half of their range	 4%	 8%	<b>2x</b> WORSE
<b>SPECIES LOSS: PLANTS</b> Plants that lose at least half of their range	 8%	 16%	<b>2x</b> WORSE
<b>SPECIES LOSS: INSECTS</b> Insects that lose at least half of their range	 6%	 18%	<b>3x</b> WORSE

	1.5°C	2°C	2°C IMPACT
<b>ECOSYSTEMS</b> Amount of Earth's land area where ecosystems will shift to a new biome	 7%	 13%	<b>1.86x</b> WORSE
<b>PERMAFROST</b> Amount of Arctic permafrost that will thaw	 4.8 MILLION KM <sup>2</sup>	 6.6 MILLION KM <sup>2</sup>	<b>38%</b> WORSE
<b>CROP YIELDS</b> Reduction in maize harvests in tropics	 3%	 7%	<b>2.3x</b> WORSE
<b>CORAL REEFS</b> Further decline in coral reefs	 70-90%	 99%	<b>UP TO 29%</b> WORSE
<b>FISHERIES</b> Decline in marine fisheries	 1.5 MILLION TONNES	 3 MILLION TONNES	<b>2x</b> WORSE



 NET ZERO CLIMATE

# TOOLS LIBRARY

# NET ZERO FOR THE CLIMATE

Informing effective solutions in innovation, business and policy.



**WHAT IS NET ZERO?**



Search or Browse



My net zero plan toolbox



Most recommended

Case Studies

Toolkits

Reports

## ICLEI – LOCAL GOVERNMENTS FOR SUSTAINABILITY

ICLEI – Local Governments for Sustainability is a global network of more than 1,750 local and regional governments committed to sustainable urban development. Active in 100+ countries, they aim to influence sustainability policy and drive local action for low emission, ...

[FIND OUT MORE](#)

## GLOBAL UNIVERSITIES AND COLLEGES FOR THE CLIMATE

The Global Universities and Colleges for the Climate is a letter from networks and further/ higher education institutions showcasing their commitments towards the attainment of the UN's SDG 4 (Education) and 13 (Climate Change). The letter asks presidents and chancellors of ...

[FIND OUT MORE](#)

## NET-ZERO ASSET OWNER ALLIANCE

Convened by the UN, the Net-Zero Asset Owner Alliance seeks to transform member investment portfolios to net zero GHG emissions by 2050. 29 institutional investors make up the alliance, representing over \$5 trillion in assets. The alliance also works with other ...

[FIND OUT MORE](#)



# 1. PLEDGE

**Sign the Business Ambition for 1.5°C commitment:** Set a target with the SBTi Science Based Targets initiative, and committing to reaching net-zero emissions by 2050 at the latest.



## **CRITERIA FOR A NET ZERO PLEDGE**

- ✓ COVER ALL GASSES, ACTIVITIES & SCOPES
- ✓ REACH NET ZERO BY 2050 (OR SOONER)
- ✓ SET INTERIM TARGETS
- ✓ OUTLINE IMMEDIATE ACTION

**AND/OR Commit to reaching net-zero emissions faster by joining The Climate Pledge:** Signatories pledge to reach net-zero emissions by **2040 at the latest**, commit to interim targets, and connect with business leaders who will seek out and invest in technological and innovative solutions together.

# 1. PLEDGE

**For Small and Medium Sized Enterprises:**

**Sign the SME Climate Commitment:**

The SME Climate Hub is a one-stop-shop climate action platform for small and medium-sized enterprises (SMEs) with less than 500 employees to curb carbon emissions, build business resilience and gain competitive advantage. Sign the commitment to halve emissions by 2030 and reach net-zero emissions by 2050, and access best-in-class resources.

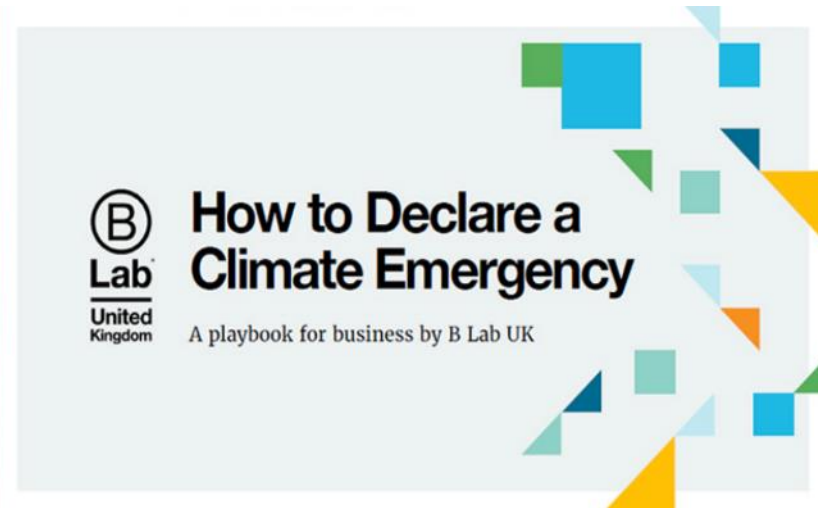
✓ **MAKE FORMAL TOP-LEVEL COMMITMENTS**

✓ **INTEGRATE INTERIM TARGETS INTO MANAGEMENT PRACTICES**



## 2. Plan

### Board Toolkit



### PLANS IN THE RACE TO ZERO WILL

- ✓ **MAKE A NET ZERO BUSINESS PLAN**
- ✓ **INCLUDE SPECIFIC OPERATIONAL IMPLICATIONS**
- ✓ **REDUCE EMISSIONS BEFORE OFFSETTING**
- ✓ **JUSTIFY YOUR PLAN FROM AN EQUITY PERSPECTIVE**
- ✓ **OUTLINE RELIANCE ON OTHER ACTORS**
- ✓ **OUTLINE FUTURE UNCERTAINTIES**

### 3. PROCEED



**TAKE IMMEDIATE ACTION**



 EP100: Commit to smart energy use

**Oxford launches new principles for credible carbon offsetting**

**Gold  
Standard®**



## 4. PUBLISH

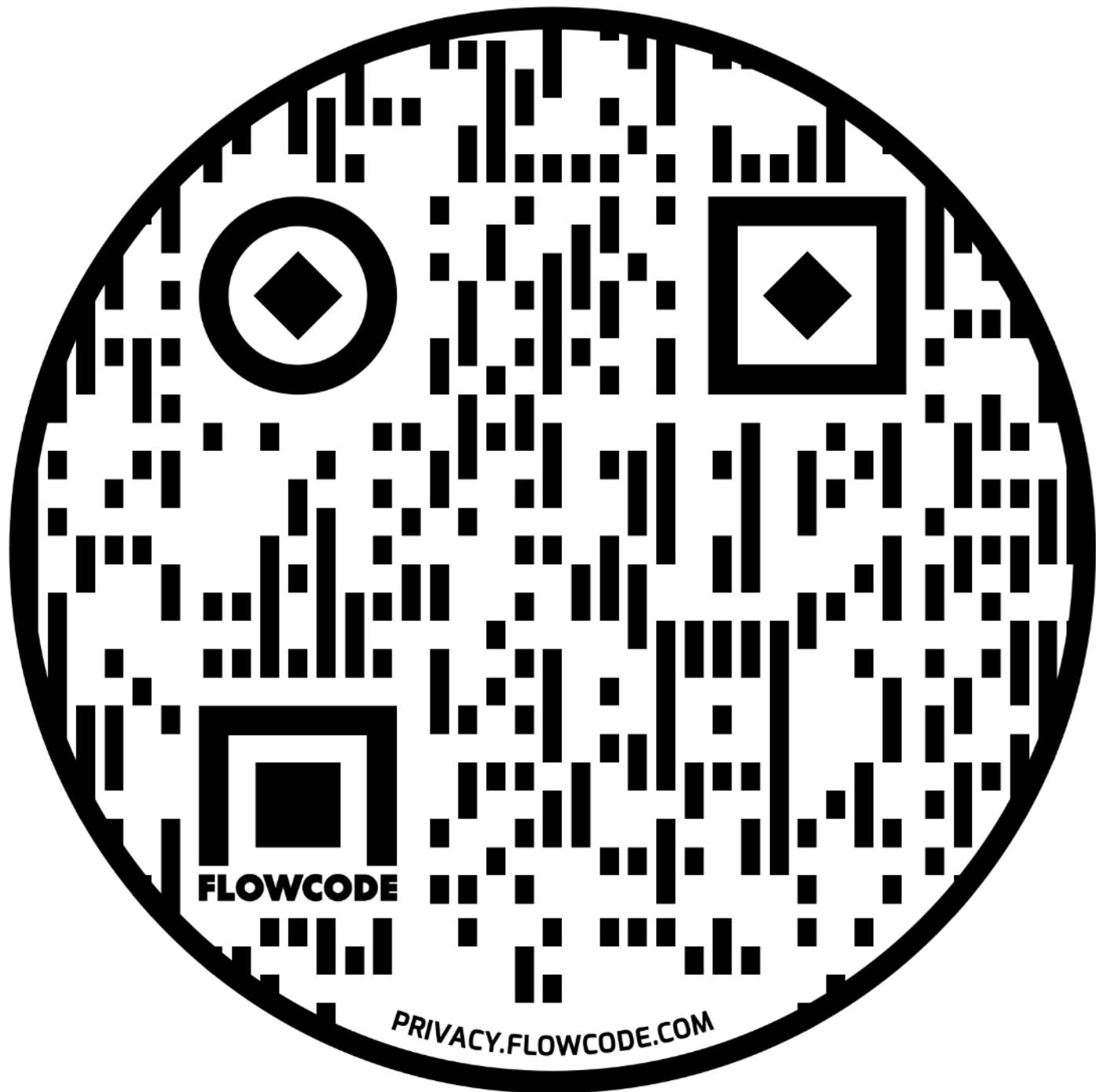


**PUBLISH REGULAR REPORTS OF PROGRESS TOWARDS NET ZERO AND INTERIM TARGETS**



**MAKE USE OF GLOBAL STANDARDIZED CLIMATE ACTION REPORTING PLATFORMS**

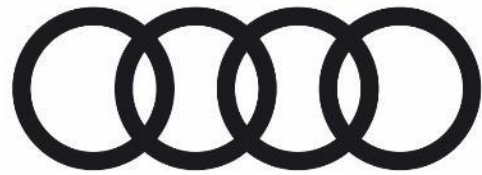




# Business voices on the Race to Zero:

Translating global pledges into local action

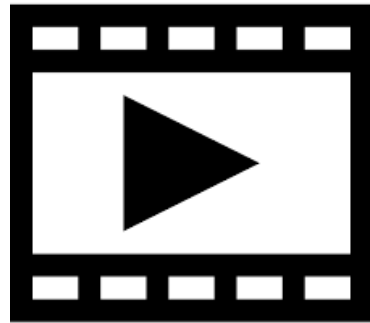
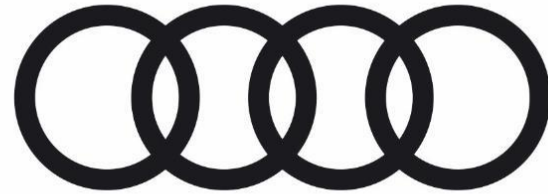
**Audi**  
Hungaria



**Deloitte.**



**Audi**  
Hungaria



**Péter Éliás**  
Head of Environmental  
Management  
Audi Hungaria

<https://youtu.be/GHslrFv6YTk>





**Dr. Rolf Schnitzler**  
CEO  
Budapest Airport Zrt.

EXPERIENCE  
THE GREEN SIDE  
OF LIFE!

WE ARE OFFICIALLY  
CARBON NEUTRAL.

# BUD - Race to Zero Carbon Business



- Carbon neutral operation since 2018 (offsets)
- Targets are in line with SDG Goals:



- Investments to reduce energy use: insulations, boiler upgrade, rooftop solar, electric cars, energy efficient lights
- Stakeholders engagement: Greenairport partner program

## Net Zero 2030 goal

Electricity - Power

Heating

Fleet

Solar PV

Green  
electricity PPA

Geothermal  
energy

Electric/hybrid



**Zsuzsanna Friedl**  
Chief People Officer  
Magyar Telekom

# ENSURE THAT THE WORLD BE A PLACE WHERE WE WOULD LIKE TO LIVE, AND WHERE THE FOLLOWING GENERATIONS ALSO GET A CHANCE TO LIVE THEIR LIVES IN THE FUTURE

WHY?



HOW?



4TH  
SUSTAINABILITY  
STRATEGY



WHAT?



MEASURE  
REDUCE  
OFFSET





**Alastair Teare**  
Risk Advisory Business Leader  
Deloitte

## Deloitte's path to becoming net-zero by 2030

In the course of the *WorldClimate* program, among others we have established global GHG reduction goals in order to reach net zero by 2030

### OUR COMMITMENT



**WorldClimate**



**Net-zero by 2030**



**Operate green**



**Empower individuals**



**Engage ecosystems**

The GHG-emission reduction goals have been validated by the Science Based Targets Initiative in September 2020.

### CURRENT BREAKDOWN OF GHG-EMISSIONS IN CENTRAL EUROPE

**26%**

**SCOPE 1 AND 2**

**74%**

**SCOPE 3**

#### Main achievements to date in Hungary

- FY19 **all travel emissions** were officially **off-set globally**
- **Local action plan** for FY 21 was established to tackle Scope 1,2,3 emissions

#### MAIN ACTIONS IN FY 21 IN HUNGARY

Reduce or gradually **phase-out leasing support** for cars above certain emission thresholds or limit support to hybrid and electric vehicles only

**Green energy certificates** for Deloitte's offices

**Lighting, heating and ventilation optimization** based on occupancy

**Reducing business travel**

### WHAT HAVE WE LEARNT FROM THE COVID-19 PANDEMIC TO HELP US MEET THE NET-ZERO GOAL?



#### Fleet – Scope 1

- Drop is in face-to-face meetings with clients - drop in fleet emissions
- Prediction:** The pandemic is likely to change the amount of face-to-face contact needed for business but it is impossible to predict to what extent



#### Buildings – Scope 2

- Office occupancy has been reduced to near zero due to the pandemic
- Prediction:** Ratio of colleagues working from home is likely to increase, resulting in moderate building emission reductions



#### Travel – Scope 3

- The pandemic may have resulted in a change in attitude towards international travel because
    - ✓ It revealed what travel is unnecessary
    - ✓ It is assumed that international travel carries greater of exposure to the virus
- Prediction:** emission reduction in the long run (50% by 2030 compared to FY19 levels) is achievable due to changing attitudes



**Andrew Higgins**  
Regional Managing Director CEE  
FCA Fiat Chrysler Automobiles



Life is a journey.  
Let's make it sustainable



Andrew Higgins : Fiat Chrysler Automobiles Central & Eastern Europe Kft.  
Regional Managing Director



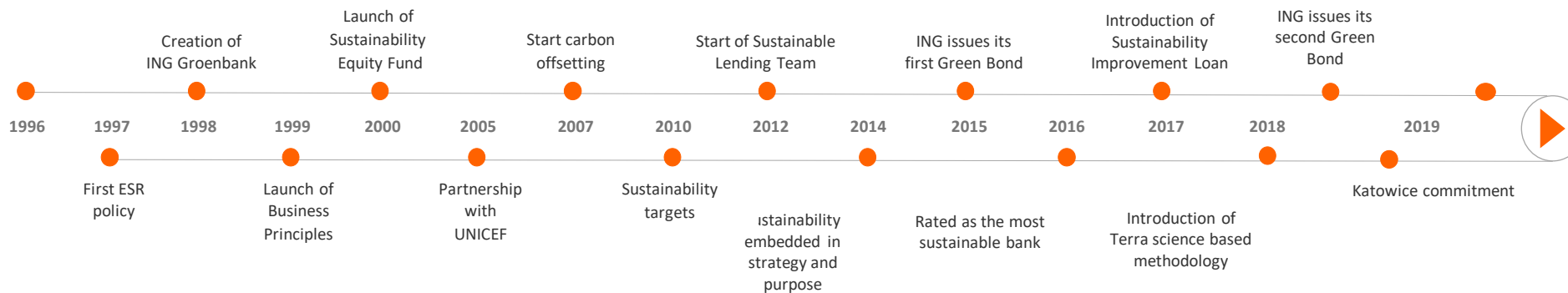


**Tibor Bodor**  
CEO

ING Wholesale Banking Hungary

# ING is a leading the pack in Sustainable Finance

## 20 year track record in sustainability



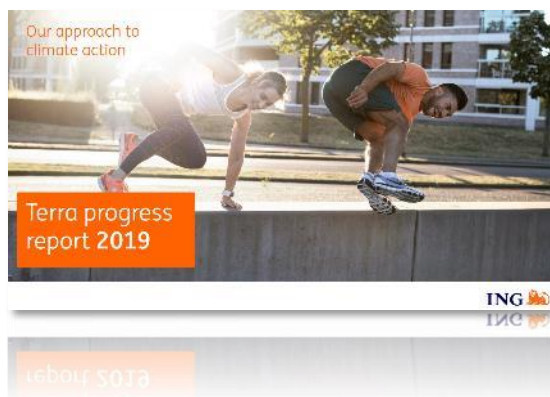
Power generation



Fossil fuels



Automotive



### Sustainable products:

- Green Bond
- Green Loan

### Own operations:

- WFH: Rolling-out laptops
- Paperless office
- Upgraded flexi office
- Preparing for green mobility

### Rolling-out knowledge:

- Climate Breakfast: support for the Government
- 3<sup>rd</sup> Circular Economy Summit
- Promoting Terra for Hungarian banks

### We steer our lending book in Hungary towards the Paris Agreement's well-below 2°C-goal:

- Client portfolio measures
- Power generation
- Fossil fuels
- Automotive



**László Károlyi**  
CEO  
Legrand Hungary



# Legrand Hungary commitment



**legrand**

## Race to Zero

BUSINESS  
AMBIITION FOR **1.5°C**

**Harmonised  
With Group Targets**

### BIAS

Align with the recommendations of the GIEEC, and the French and European commitment to neutrality, at the global level.

### FINDING

The buildings and building construction sectors combined are responsible for over a third of global final energy consumption and almost 40% of total direct and indirect CO2 emissions.

### Past

Szentes manufacturing site with 30 000m<sup>2</sup> entirely heated with geothermal energy

### Present

PEP-s certification reaching 71% coverage of TO

### Future

Photovoltaic power plant covering 30% of energy consumption







**Zsolt Pártos**  
Managing Director  
Tesco Hungary

# The road to Zero Carbon.



Food Waste by 2030  
(UN SDG)



Food Waste in HU  
since 2016/17



of CO2 in HU=  
(emission of Martonvásár)



of CO2  
by 2050



Absolute carbon emission  
since 2015



2020  
65% renewables  
100% certificate in Hungary



2030  
100% renewables



Refrigerant gases  
in HU since 2015



In-store  
energy efficiency



of CO2 emission  
by logistics optimisation

- Non-renewable electricity
- Renewable certificates
- Grid Power Purchase Agreements (PPAs)
- On-site generation



**bcsdh**

Magyarországi Üzleti Tanács a Fenntartható Fejlődésért  
Business Council for Sustainable Development in Hungary



British Embassy  
Budapest



**UN CLIMATE  
CHANGE  
CONFERENCE  
UK 2021**

IN PARTNERSHIP WITH ITALY



Ambasciata d'Italia  
Budapest



**AMBASSADE  
DE FRANCE  
EN HONGRIE**

*Liberté  
Égalité  
Fraternité*



Embassy  
of the Federal Republic of Germany  
Budapest

Canada



Embassy of the Kingdom  
of the Netherlands

# Q&A Session





**bcsdh**

Magyarországi Üzleti Tanács a Fenntartható Fejlődésért  
Business Council for Sustainable Development in Hungary



British Embassy  
Budapest



**UN CLIMATE  
CHANGE  
CONFERENCE  
UK 2021**

IN PARTNERSHIP WITH ITALY



Ambasciata d'Italia  
Budapest



**AMBASSADE  
DE FRANCE  
EN HONGRIE**

*Liberté  
Égalité  
Fraternité*



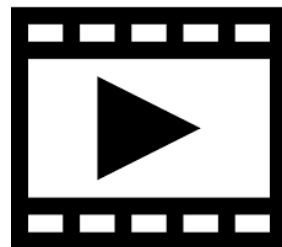
Embassy  
of the Federal Republic of Germany  
Budapest

**Canada**



Embassy of the Kingdom  
of the Netherlands

# Ambassadors' closing message



<https://youtu.be/V0L-cKaEdtg>





**bcsdh**

Magyarországi Üzleti Tanács a Fenntartható Fejlődésért  
Business Council for Sustainable Development in Hungary



British Embassy  
Budapest



**UN CLIMATE  
CHANGE  
CONFERENCE  
UK 2021**

IN PARTNERSHIP WITH ITALY



Ambasciata d'Italia  
Budapest



**AMBASSADE  
DE FRANCE  
EN HONGRIE**

*Liberté  
Égalité  
Fraternité*



Embassy  
of the Federal Republic of Germany  
Budapest

Canada



Embassy of the Kingdom  
of the Netherlands

# What is your commitment and action?

## Thank you for joining us!