



Ambition Zero carbon

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October 2023



Global Ambition Zero Carbon

Approach

Ambitious science-based decarbonization strategy, accelerating our progress towards net-zero

From 2026, we will have reduced our Scope 1 & 2 GHG emissions by 98%, by:

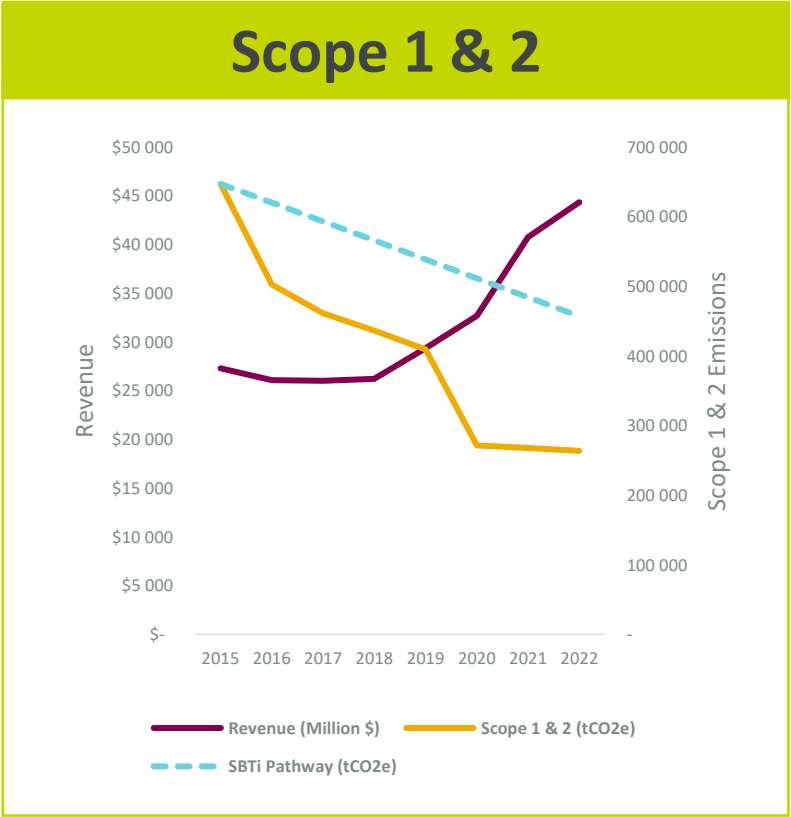
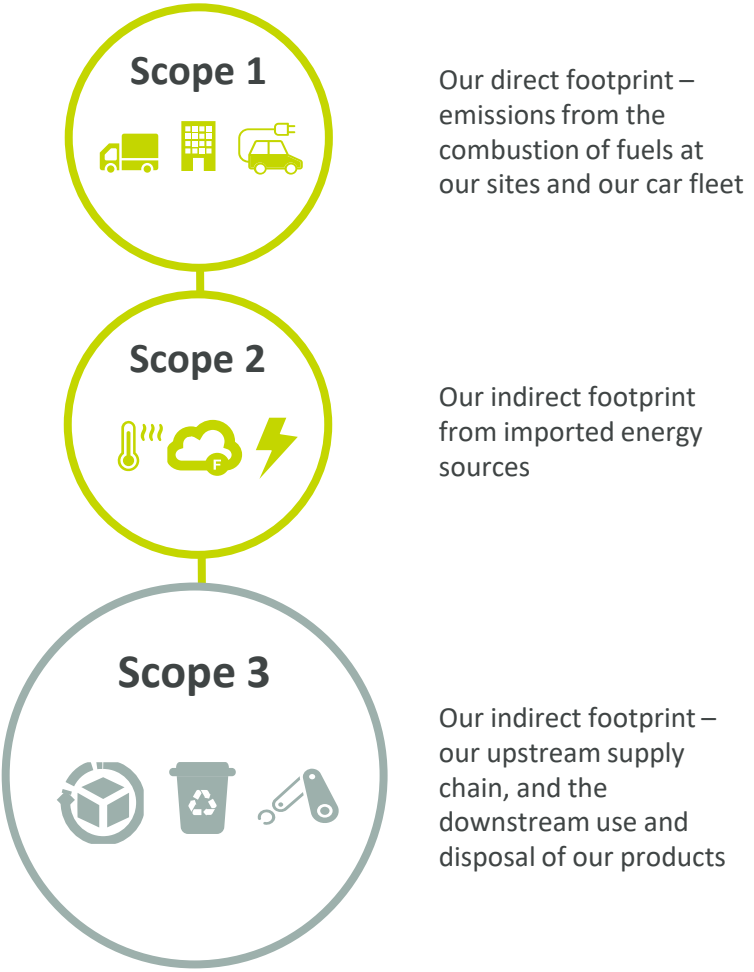
- Using 100% renewable energy for heat and power
- Maximising transition to an electric vehicle fleet
- Doubling energy productivity
- Reducing and capturing F-gas emissions at our sites

By 2030, we aim to halve our entire value chain footprint – Scope 3 – on the way to becoming science-based net zero by 2045 at the latest, by:

- 95% of key suppliers and partners having science-based targets by the end of 2025
- Transitioning to next-generation respiratory products with near-zero climate impact propellants
- ‘Designing in’ sustainability across product lifecycles and embedding net zero into cost of goods



Global Ambition Zero Carbon: decarbonising across Scopes 1-3



SBTi Target: 98% reduction by 2026

Scope 3

Supplier engagement

Energize collaboration facilitating access to renewable power at scale

SMI published minimum targets for climate and sustainability

>210
AstraZeneca suppliers registered

12%
of supplier spend in purchased goods and services has SBTs

Suppliers¹ with SBTs: 95% by end of 2025

1. 95% of our suppliers by spend covering purchased goods and services and capital goods, and 50% of our suppliers by spend covering upstream transportation and distribution and business travel, will have science-based targets (SBTs). Ambition Zero Carbon: reduce our greenhouse gas emissions from our global operations and fleet (Scope 1 and 2) by 98% by early 2026, from 2015 baseline. Reduce our greenhouse gas emissions across our entire value chain footprint (Scope 1, 2 and 3) by 50% by 2030, a 90% reduction by 2045, from 2019 baseline. Our net zero scope 1-3 science-based targets have been verified under the Science Based Targets initiative Net-Zero Corporate Standard. By 2030 we will go even further to become carbon negative for all residual emissions. SMI = Sustainable Markets Initiative.




Global Ambition Zero Carbon achievements to date


2020* 2021

2022


Achievements

 \$130M invested in natural resource efficiency projects since 2015


Launched the Energize programme


 58.6% reduction in GHG since 2015

Launched the Product Sustainability Index


 100% imported renewable electricity globally

7% of supplier spend in purchased goods and services has SBTs


 2% EV; 57% green fleet (EV, hybrid or plug-in hybrid)

 Agreement signed with Future Biogas for renewable heat in UK


Achievements

 \$150M invested in natural resource efficiency projects since 2015


Honeywell Partnership announced for near-zero GWP propellants


 59.3% reduction in GHG since 2015

Business air travel emissions 53% below baseline

 99% imported renewable electricity globally

12% of supplier spend in purchased goods and services has SBTs

 10% EV; 63% green fleet (EV, hybrid or plug-in hybrid); first market to 100% EV

 Initiated F-gas management programme

* Launched Ambition Zero Carbon and made first climate impact disclosure to TCFD in 2020



Ambition Zero Carbon Russia: transition to an electric vehicle fleet

June – August '22: EV pilot preparation

- Purpose: To test how EV usage impacts daily life, work and visits of AZ employees.
- Location: Moscow
- Participants: field force, office-based employees
- 7 cars, 10 employees



Q1 '23 – Q3: transition plan is in place

- First EVs in a fleet
- Internal PR campaign: internal events, meetings with subject matter experts, posts, articles etc.
- Education of employees
- Hypercare

September '22: Launch

- Initial meetings with volunteers
- Guides and manuals on vehicles/charging etc. for participants
- Feedback gathering:
 - Weekly check lists from participants
 - Monthly meetings with volunteers.

December '22: Pilot answered to the Qs

- Yes, we can use EVs in daily business activities
- Yes, we have infrastructure for charging

Электромобили?! Что это?

<p> Достоинства</p> <ul style="list-style-type: none"> • Бесплатная городская парковка в некоторых городах • Много бесплатных опций зарядки в некоторых городах 	<p> Особенности</p> <ul style="list-style-type: none"> • Необходимо планировать время для зарядки • Пользоваться приложением 	<p> Эксплуатация зимой</p> <ul style="list-style-type: none"> • Отключайте режим "рекуперации" в условиях <u>дождя, снега, льда</u> для сохранения управляемости
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Now

- 72 vehicles
- 4 cities
- 2% GHG reduction

To be continued

What is a telematic and how it helps sustainability agenda ?

Mobile app with personal account for driver

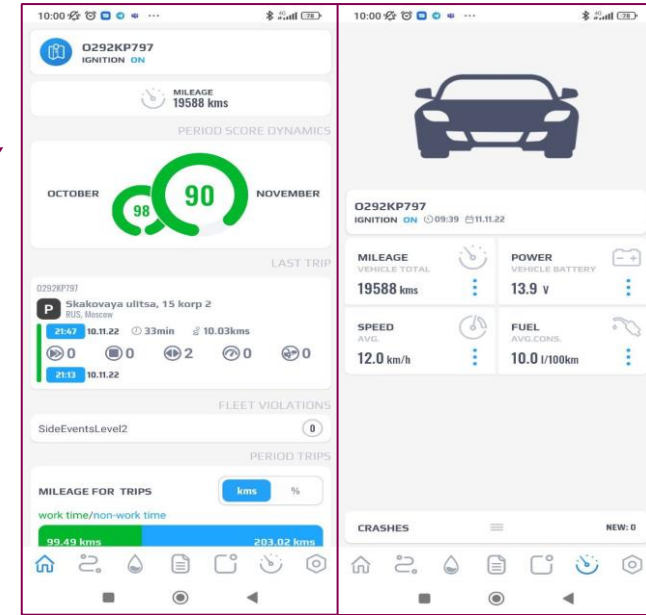


Telematic device is like a “black box in a plane”, which collects big data and analyzes it based on company’s needs/restrictions/policy

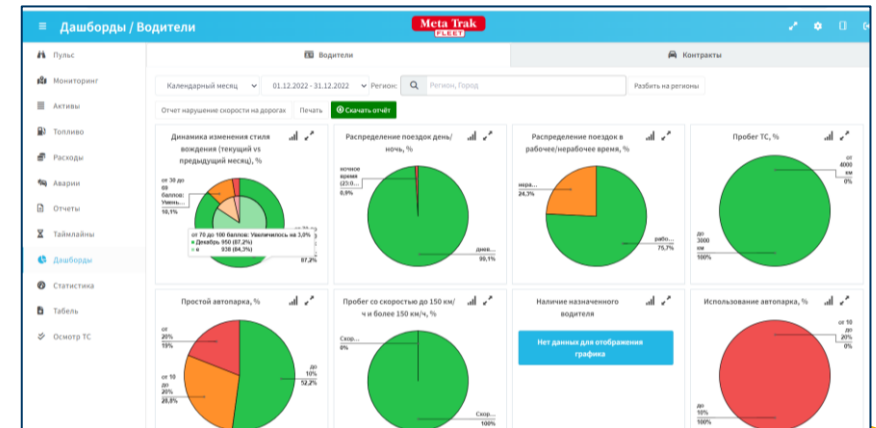


System’s benefits

- driver’s style improvement
- collisions rate reduction
- transparent reporting on fleet usage
- more efficient time management of FF employees behind the wheel
- simplification on reporting processes:
 - a) automatic collection of kms driven;
 - b) automatic assessment of driving skills of the team.
- deep collision’s analysis
- **reduction of fleet CO2 emissions and fuel consumption**



Desktop version for Line Manager, Fleet Manager, SHE

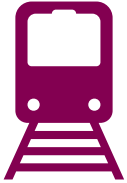


Ambition Zero Carbon Russia: changing behaviours to reduce GHG impact of air travel



Fully utilise virtual meeting technologies

- ▶ Challenge, whether travel is really needed
- ▶ Utilize available virtual meeting technologies



Switch to more carbon efficient means of transport

- ▶ Implementation of the rule to use train instead of air while traveling to some directions



Consider class of air travel

- ▶ For long haul day flights consider economy or premium economy instead of business
- ▶ Internal CO2 calculator launch

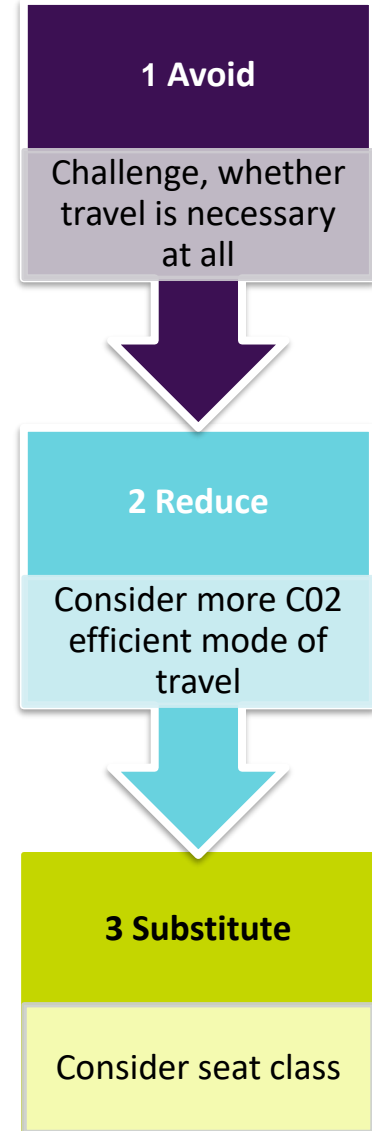
Moscow to Vladivostok one way trip

- ▶ Economy = 1.1 tonnes CO2
- ▶ Premium = 3.05 tonnes CO2 (2 times more than economy)
- ▶ Business = 6.1 tonnes CO2 (5,7 times more than economy)



Allocation of target by BU/Dept

- ▶ targets allocation
- ▶ data collection



Questions



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