

The Science Based Targets initiative

Driving ambitious climate action

Kim Schoppink
Europe Regional Lead

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INTRODUCING THE SBTi



SBTi **enables companies and financial institutions** worldwide to play their part in **combating the climate crisis.**

SBTi develops **standards, tools and guidance** which allow companies to set greenhouse gas emissions reductions targets in line with **what is needed to keep global heating below catastrophic levels** and reach **net-zero by 2050 at latest.**

PARTNERS



United Nations
Global Compact

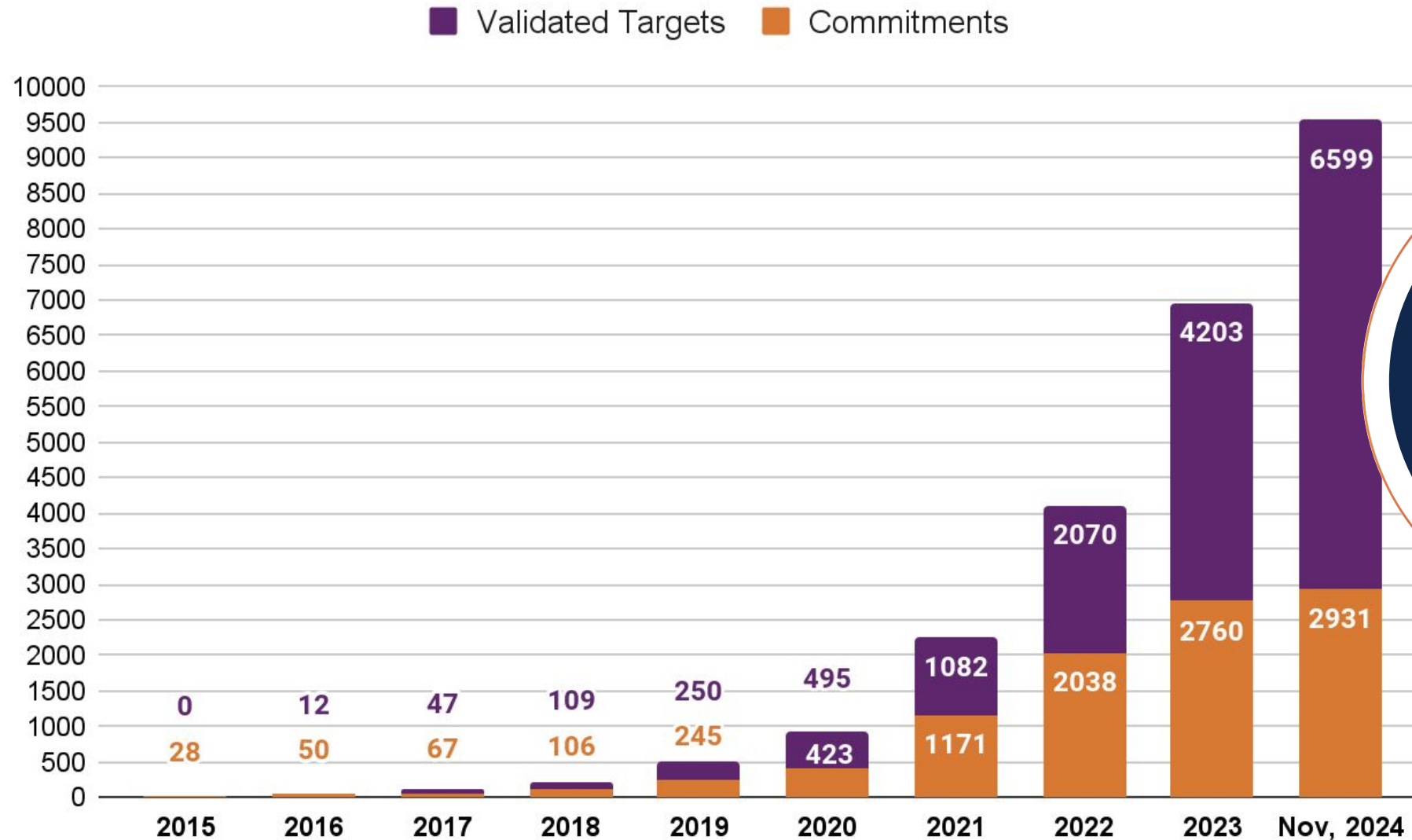


WORLD
RESOURCES
INSTITUTE



SBTi's IMPACT GLOBALLY

2024: SBTi's MOST SUCCESSFUL YEAR YET



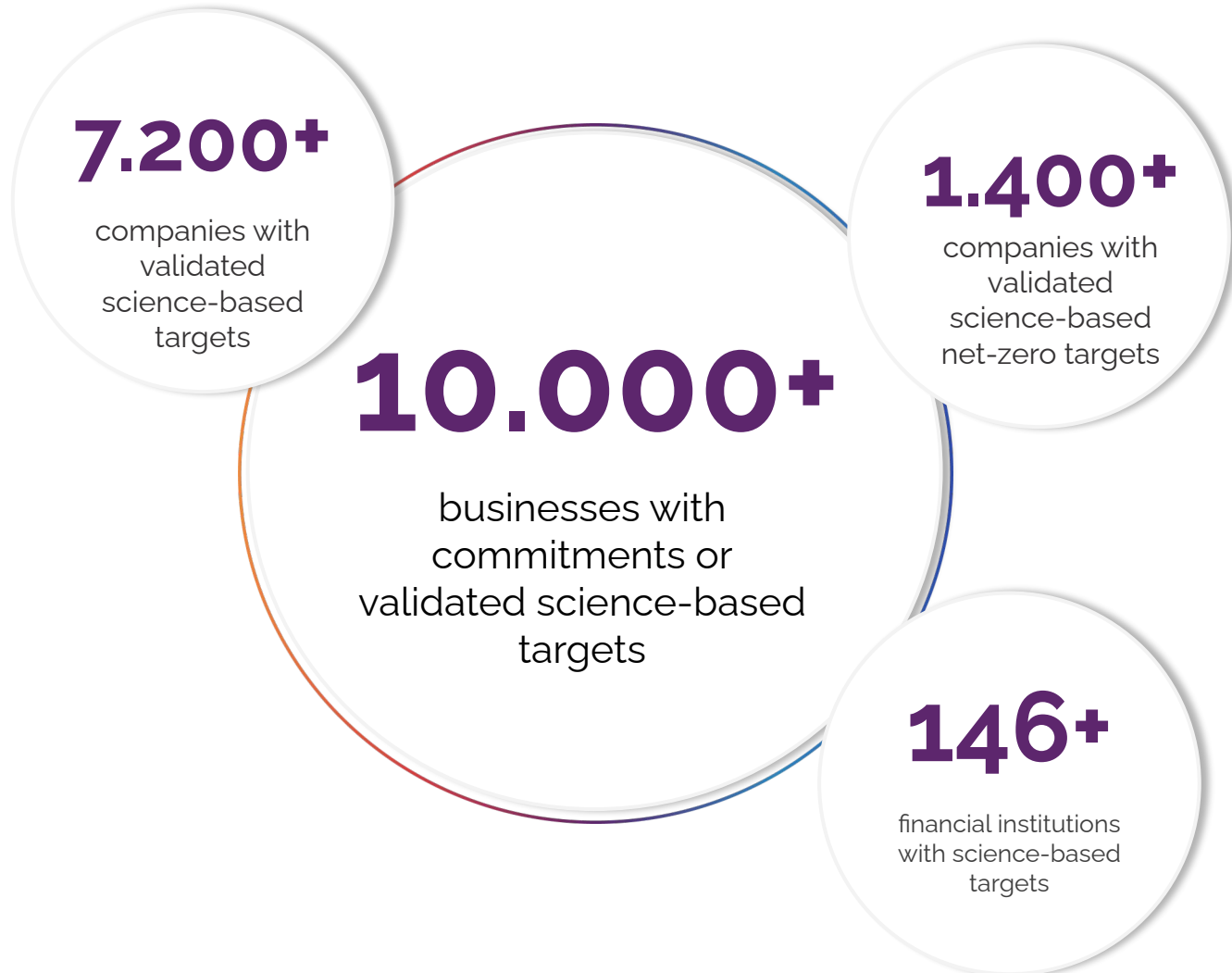
9,530+

Companies with
commitments and
targets validated



SBTi's IMPACT GLOBALLY

As of January 2025



COMPANIES IN TÜRKİYE WITH SCIENCE BASED TARGETS



45
Companies In
Türkiye have
validated science
based targets

44
Companies in
Türkiye committed to
set science based
targets

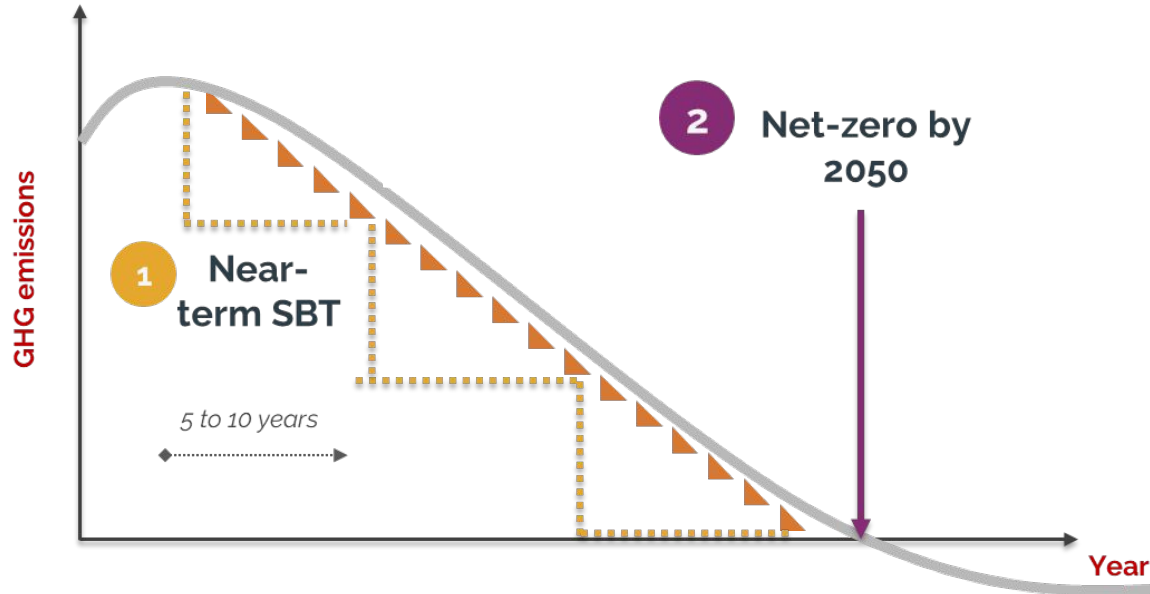


SCIENCE
BASED
TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

SCIENCE BASED TARGETS EXPLAINED

WHAT ARE SCIENCE BASED TARGETS?



1

(Near-term) science-based target:

Timeline 5-10 years.

Ensures that the company is taking near-term action to reduce emissions at a pace that is consistent with keeping warming limited to 1.5°C;

2

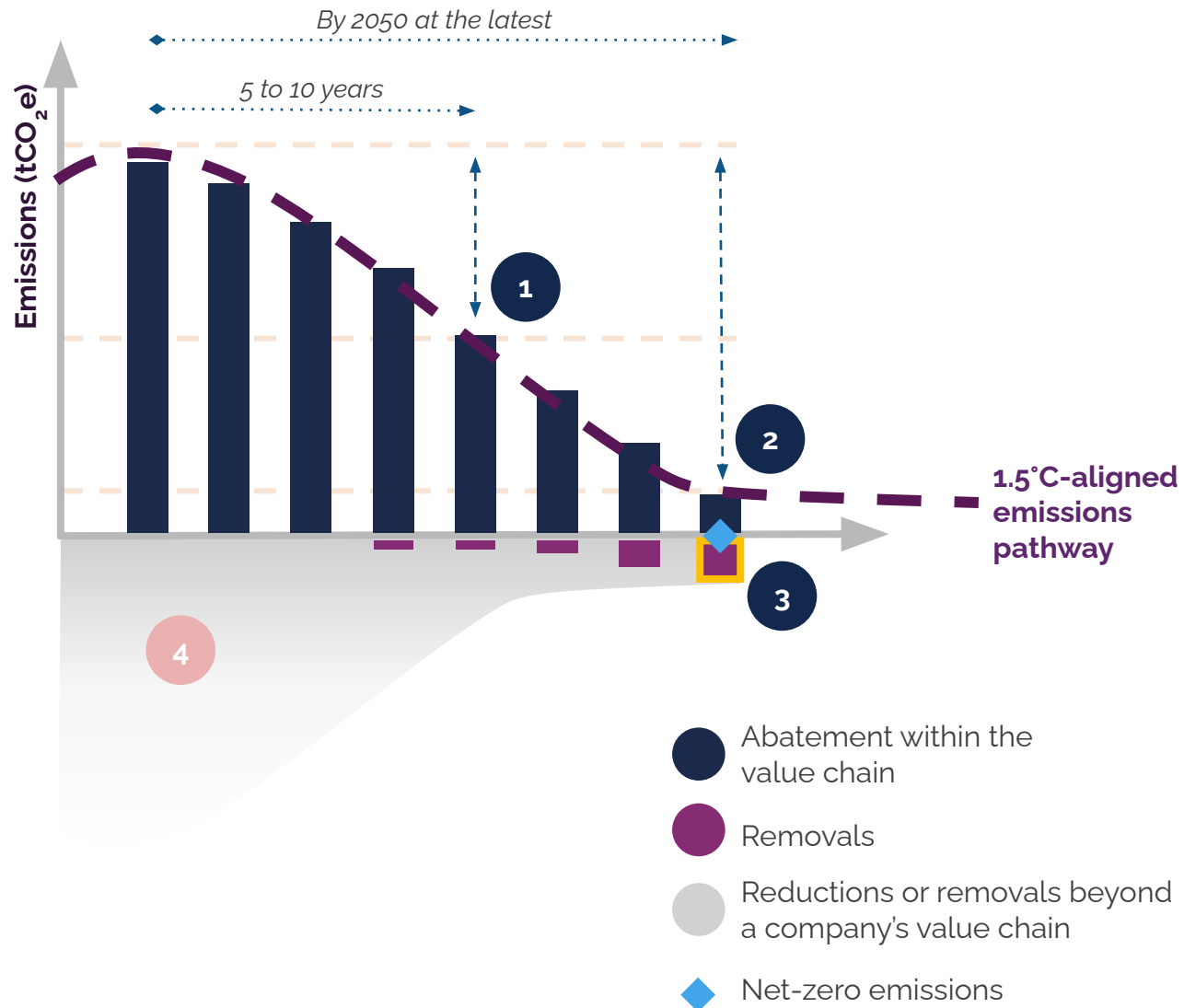
Long-term net-zero target:

Timeline: At latest by 2050.

Provides clarity about the direction that the company will follow and serves as a north-star for long-term strategic and investment decisions.

Science-based targets show companies **how much** and **how quickly** they need to reduce their greenhouse gas (GHG) emissions to prevent the worst effects of climate change










FOUR KEY ELEMENTS OF THE NET ZERO TARGET






- To set near-term science-based targets:**
5-10 year emission reduction targets in line with 1.5°C pathways
- To set long-term science-based targets:**
Target to reduce emissions to a residual level in line with 1.5°C scenarios by no later than 2050
- Neutralization of residual emissions:**
GHGs released into the atmosphere when the company has achieved their long-term SBT must be counterbalanced through the permanent removal and storage of carbon from the atmosphere
- Beyond value chain mitigation:**
In the transition to net-zero, companies should take action to mitigate emissions beyond their value chains. For example, purchasing high-quality, jurisdictional REDD+ credits or investing in direct air capture (DAC) and geologic storage

Required
 Recommended

SECTOR GUIDANCES

Apparel and footwear	
Aviation	
Buildings	
Chemicals	
Cement	
Financial institutions	
Forest, Land and Agriculture (FLAG)	
Land Transport	
Maritime	
Oil and Gas	
Power	
Steel	

-  In development
-  Operational with update in progress
-  Operational





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BENEFITS OF SETTING SCIENCE BASED TARGETS FOR COMPANIES IN TÜRKIYE

BUSINESS BENEFITS OF SETTING SCIENCE BASED TARGETS

Benefits reported by companies setting science based targets and implementing low-carbon transition plans:

INCREASED INTERNAL ALIGNMENT ON DECARBONIZATION GOALS
i.e., public and validated targets enhances internal collaboration on decarbonization



LOW-CARBON TRANSITION CAN DRIVE INNOVATION
i.e., low - carbon products/services



INCREASED COMPETITIVENESS
i.e., minimize energy and emissions-related costs



INCREASED RESILIENCE FOR REGULATORY, POLICY AND MARKET DEVELOPMENTS
i.e., mitigate transition risks

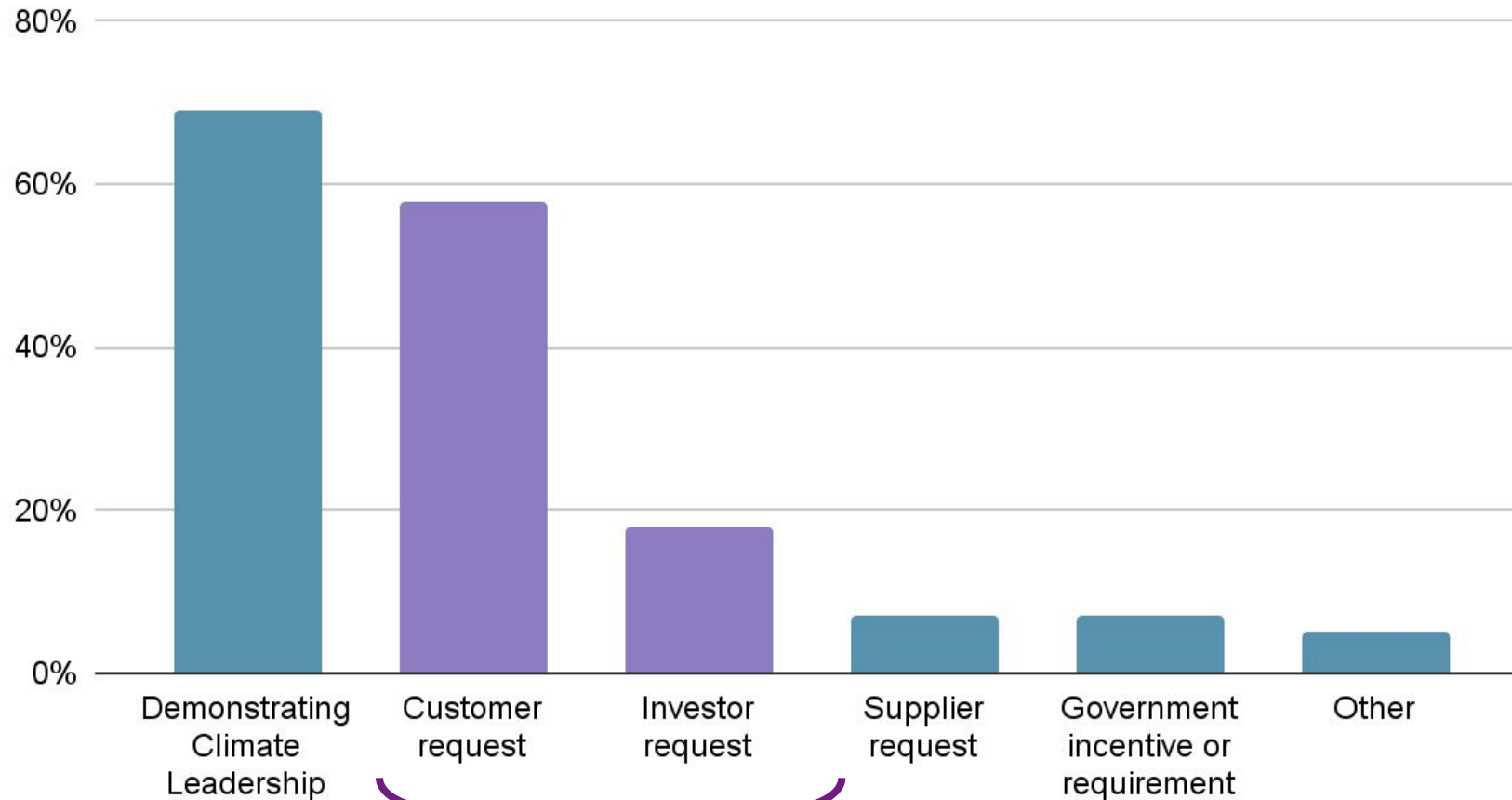


IMPROVED CONFIDENCE BY INVESTORS AND CUSTOMERS
i.e., long term sustainability of business model



CUSTOMER AND INVESTOR REQUIREMENTS ARE STRONG DRIVERS OF COMPANIES SETTING TARGETS

Reasons cited by companies for joining SBTi - 2023



supply chain engagement and investors requirements are important drivers for companies to set science based targets

CUSTOMERS REQUIRING SUPPLIERS TO HAVE SCIENCE BASED TARGETS

- Many multinational companies with large supply chains have set science based targets.
- Their scope 3 targets needs to cover at least 67% of their supply chain emissions. Consequently they will need many suppliers to reduce their emissions.
- To achieve their target many companies have set up supplier engagement programs, engaging, supporting and asking suppliers to reduce their emissions.
- Ultimately many companies aim to stop sourcing from suppliers that do not reduce their emissions.



companies with validated science based targets and suppliers in Türkiye



FINANCIAL INSTITUTIONS REQUIRING SCIENCE BASED TARGETS

- Banks, asset owners, asset managers and insurers increasingly want to reduce their exposure to climate-related transition, physical and litigation risks
- 146 financial institutions have validated science based targets globally and an additional 131 have committed to set targets within 24 months.
- 5 financial institutions in Turkiye have validated targets and 5 committed to set targets within 24 months.

Financial institutions in Turkiye with validated science based targets

Financial institutions in Turkiye committed to set science based targets within 24 months.



AKSigorta





HOW TO SET A SCIENCE-BASED TARGET

HOW TO SET A TARGET

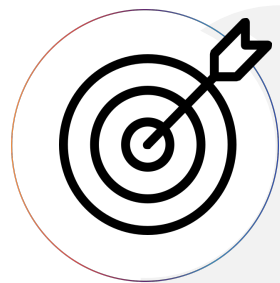
TWO DIFFERENT ROUTES

LARGE COMPANIES & FINANCIAL
INSTITUTIONS

STANDARD ROUTE

SMALL AND MEDIUM-SIZED ENTERPRISES

SME ROUTE



The SME target validation route is a **streamlined target validation process** for SME's to set near-term and net-zero science-based targets.

TARGET SETTING ROUTE FOR SMEs

The SME route provides SMEs a **streamlined target validation process** to set near-term and net-zero science-based targets.

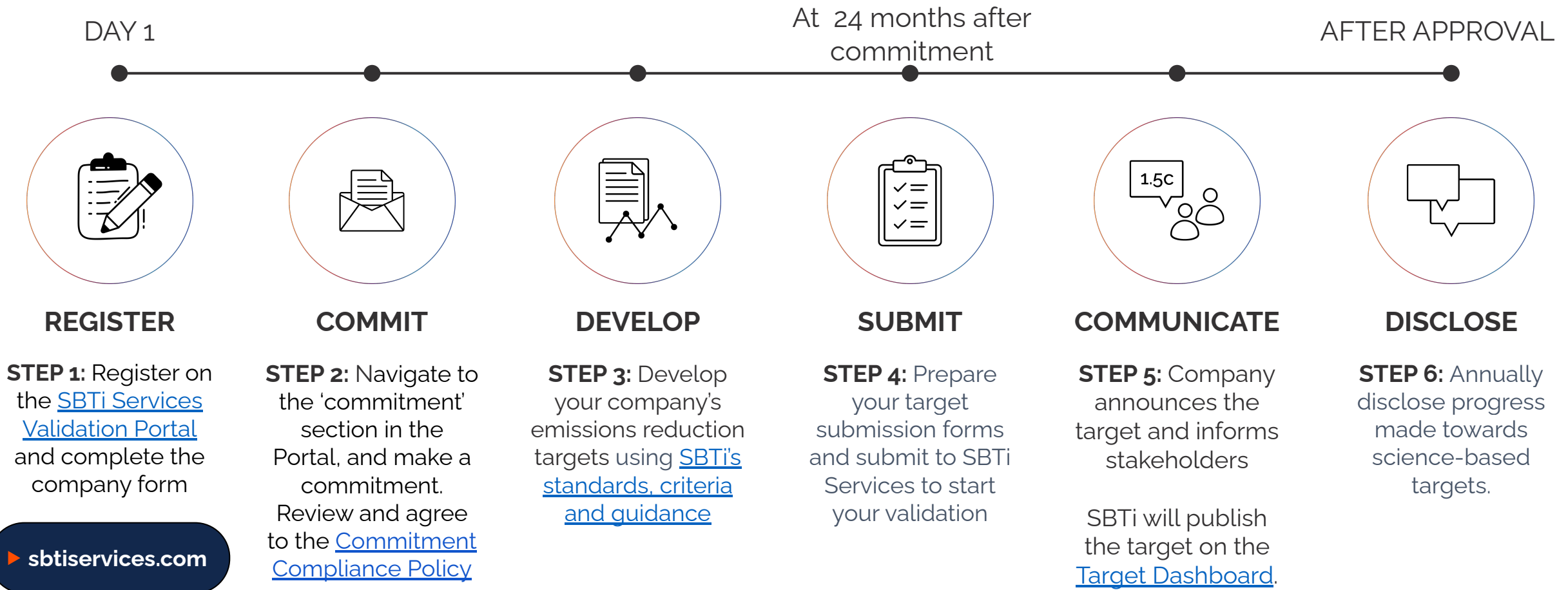
Main differences from the standard route:

- SMEs **cannot first make a commitment**, they need to go straight to submitting targets.
- When setting Near-Term targets, SMEs are **not required to set scope 3 targets**. They do need to commit to measuring and reducing scope 3 emissions.
- SME's pay a lower validation fee.



HOW TO SET A TARGET | STANDARD ROUTE

LARGE COMPANIES & FINANCIAL INSTITUTIONS



SCIENCE-BASED TARGETS ARE A CRITICAL PART OF A CORPORATE CLIMATE STRATEGY



Science-based targets are increasingly demanded by stakeholders



Science-based targets are achievable and driving ambitious action



Science-based targets have tangible business benefits



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THANK YOU



**WE MEAN
BUSINESS**

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info@sciencebasedtargets.org