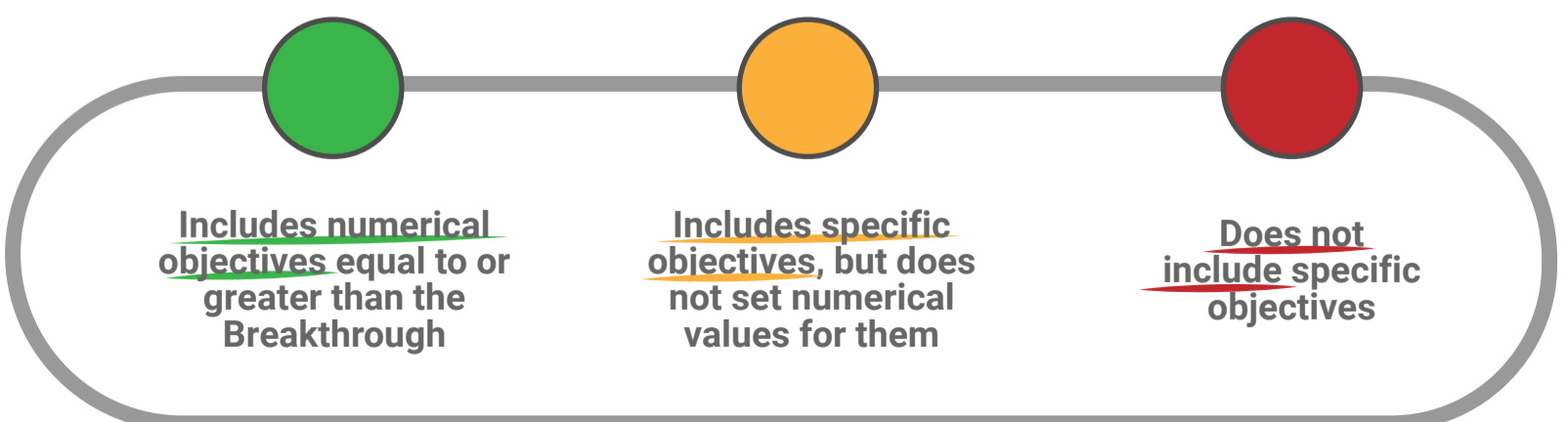
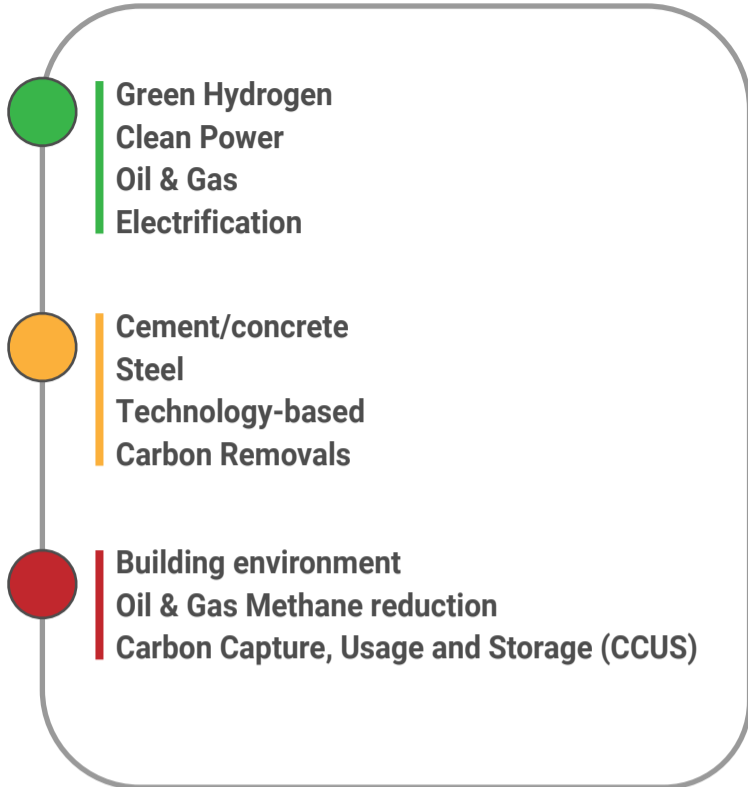


2030 breakthroughs by Climate Champions vs. EU politics

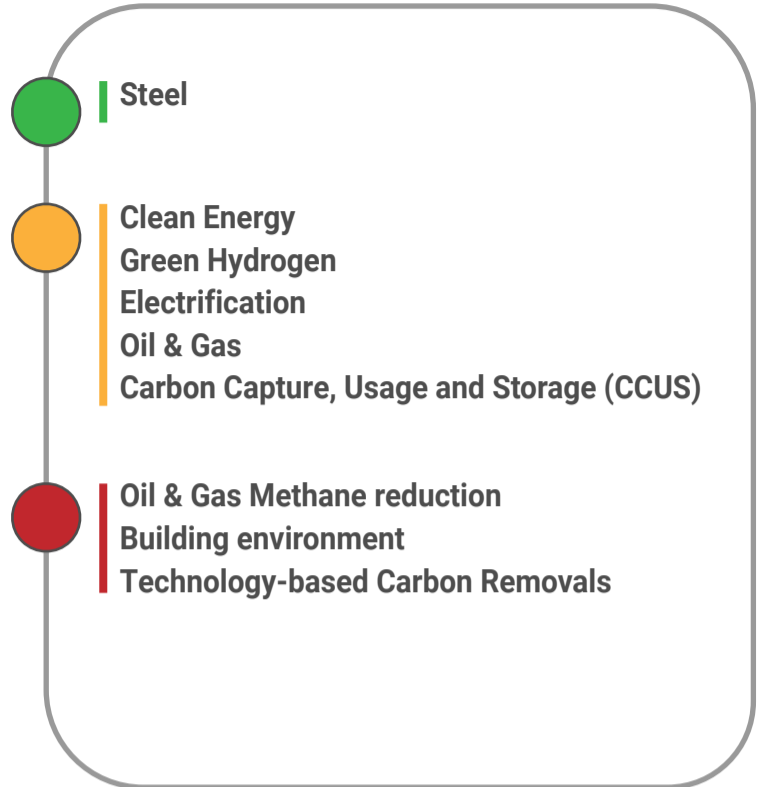
TOPIC	TARGET
Clean Power	Solar and wind power make up at least 46%, and all renewables make up at least 68% of global electricity generation by 2030. Installed capacity for renewable power generation is tripled in 2030 vs 2022 values.
Green Hydrogen	By 2030, at least ~430GW of operational electrolyzer capacity (cumulative) is required to align with a 1.5°C pathway. This corresponds to at least ~50Mt of renewables-based hydrogen deployed and operational by 2030. Affordable renewable and low-carbon hydrogen is globally available by 2030.
Oil & Gas	Oil: 40% of oil production has been reduced by 2030, on a 2019 baseline. Gas: Reduce the share of unabated gas in electricity generation to 17% by 2030.
Oil & Gas Methane reduction	Oil & Gas Methane emissions are 75% lower than 2020 levels by 2030.
Electrification	The share of electricity over total final energy consumption reaches 30% by 2030 from the current 20%.
Built Environment	100% of projects completed in 2030 or after are net zero carbon in operation with more than 40% reduction in embodied carbon.
Cement & Concrete	Over 20 cement plants with CCUS. Carbon intensity per tonne of cement produced is reduced from 616 (2020 baseline) to at least 463 kg CO ₂ / t cement by 2030. Near-zero emission cement is the preferred choice in global markets, with efficient use and near-zero emission cement production established and growing in every region by 2030.
Steel	Near-zero emission steel is the preferred choice in global markets, with efficient use and near-zero emission steel production established and growing in every region by 2030; 70 (near) zero emission steel plants operational by 2030, producing well over 100Mt of green steel per annum.
Technology-based Carbon Removals	Carbon dioxide removals are responsibly scaled to remove 3.5 billion tonnes of carbon dioxide per year. 500 million tonnes of this must be stored for at least 100 years.
Carbon Capture, Usage and Storage	Over 50 new CCS/U networks reach FID by 2026, totalling 400 Mtpa in new capacity. Each includes one or more heavy industry participants.
Metals & Mining	By 2030, 60% reduction in operational emissions, while growing output of critical materials (up to 5x), ensuring highest ESG standards.



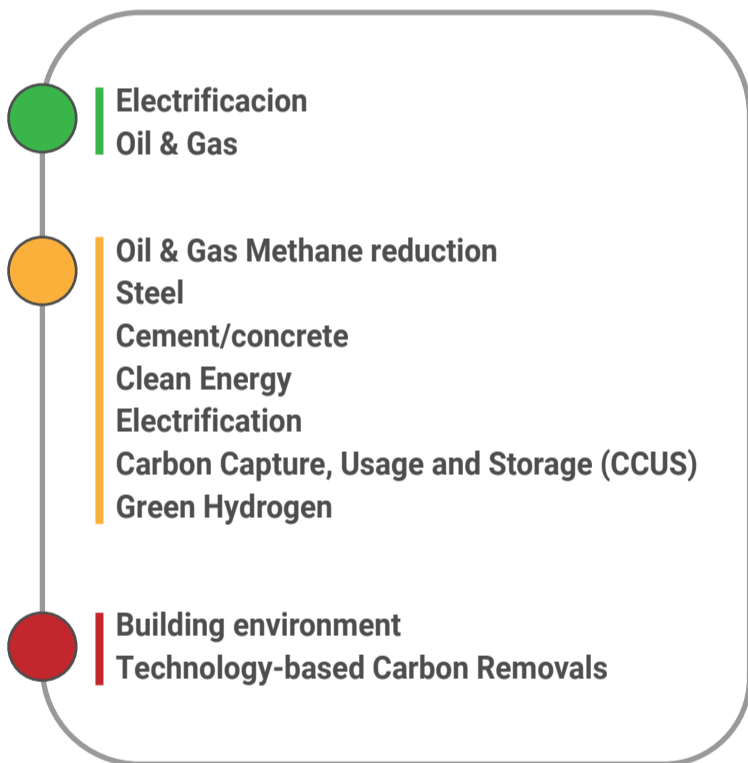
Clean Industrial Deal



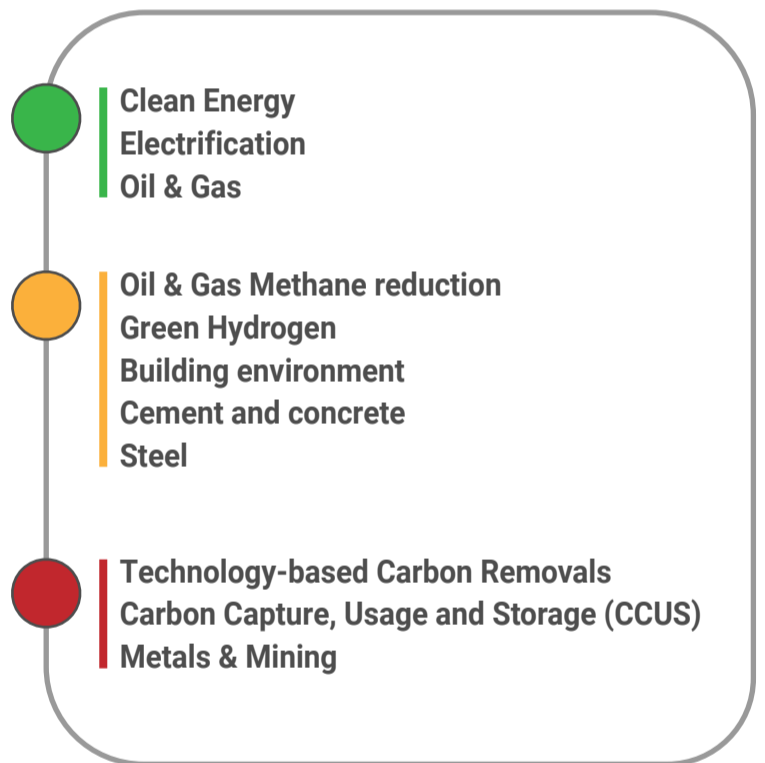
Steel and Metal Action Plan



EU Emission Trading System



Green Public Procurement - European Commission



Net-Zero Industry Act

