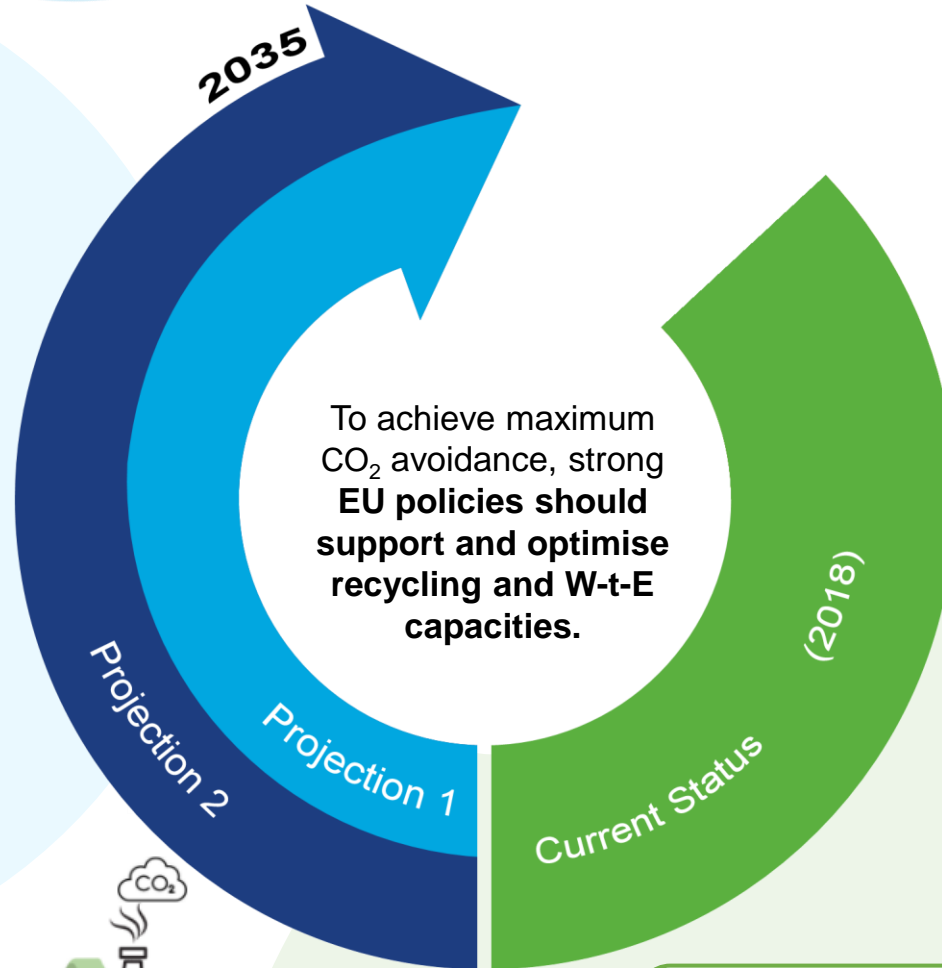
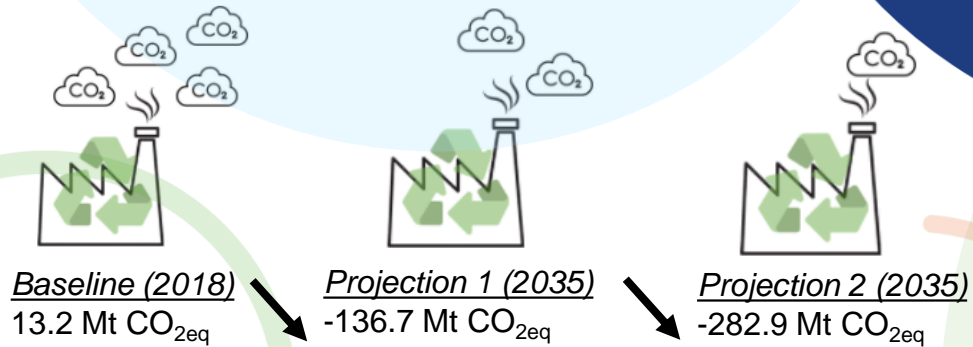


# CO<sub>2</sub> reduction potential thanks to European waste management\*

**Projection 1.** If current waste legislation is successfully applied by 2035, the CO<sub>2</sub> net emission avoidance potential is **-137 Mt CO<sub>2eq</sub> per year.**

**Projection 2.** If increased waste management performance: The CO<sub>2</sub> net emission avoidance potential is **-283 Mt CO<sub>2eq</sub> per year.**

## CO<sub>2eq</sub> Net Emissions



In 2018 the waste industry was almost CO<sub>2</sub> net neutral (+13 Mt CO<sub>2eq</sub>). Considering the **9 material waste streams**, 96 Mt CO<sub>2</sub> per year are avoided due to the waste industry. The **largest CO<sub>2</sub> saving potential** is achieved by **recycling ferrous metals and aluminum waste.**

The largest CO<sub>2</sub> gains result from **diverting** organic waste from landfills, achieving a potential reduction of up to **-120 Mt CO<sub>2eq</sub> per year.**

\*Study conducted by Prognos and CE Delft, on behalf of FEAD, CEWEP, RDF Industry Group, and DWMA.