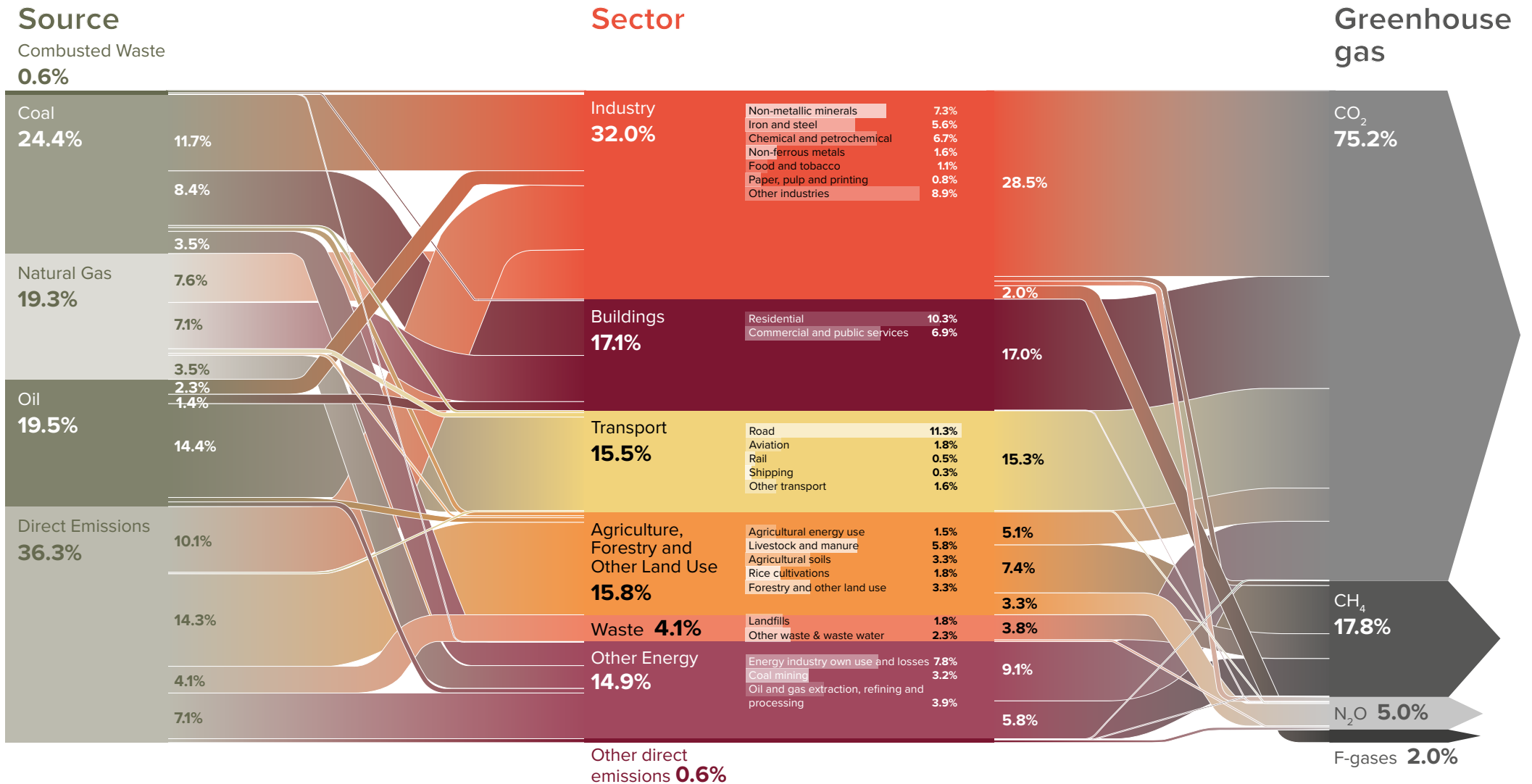


# Total GHG emissions worldwide: 53.7 Gt CO<sub>2</sub>eq (2017)



## Analysis by Navigant, a Guidehouse Company

The global estimate of 53.7 Gt CO<sub>2</sub>eq represents the year 2017. All percentages represent the share of total global GHG emissions. The data for Forestry and Other Land Use are subject to significant uncertainties. Because of statistical and reporting differences, results at subsector level cannot be directly compared to our previous 2012 flow chart.

This analysis is based on the following sources:

- IEA data from IEA (2019) *CO<sub>2</sub> Emissions from Fuel Combustion*, [www.iea.org/statistics](http://www.iea.org/statistics). All rights reserved; as modified by Navigant Netherlands B.V.
- IEA data from IEA (2019) *World Energy Balances*, [www.iea.org/statistics](http://www.iea.org/statistics). All rights reserved; as modified by Navigant Netherlands B.V.

- EC-JRC/PBL, *Emissions Database for Global Atmospheric Research (EDGAR)*, release EDGAR v5.0 (1970 - 2015) of November 2019, [https://edgar.jrc.ec.europa.eu/overview.php?v=50\\_GHG](https://edgar.jrc.ec.europa.eu/overview.php?v=50_GHG), [https://data.europa.eu/doi/10.2904/JRC\\_DATASET\\_EDGAR](https://data.europa.eu/doi/10.2904/JRC_DATASET_EDGAR).
- Crippa et al. (2019) *Fossil CO<sub>2</sub> and GHG emissions of all world countries - 2019 Report*, EUR 29849 EN, Publications Office of the European Union, Luxembourg, 2019, ISBN 978-92-76-11100-9, doi:10.2760/687800, JRC117610.
- US EPA (2019) *Global Non-CO<sub>2</sub> Greenhouse Gas Emission Projections & Mitigation Potential: 2015-2050*, <https://www.epa.gov/global-mitigation-non-co2-greenhouse-gases/global-non-co2-greenhouse-gas-emission-projections>.
- FAO (2019) *FAOSTAT Emissions Database, Land use, Land Use Total*, <http://www.fao.org/faostat/en/#data/GL>.