

EUROPEAN GREEN DIGITAL COALITION

The European Green Digital Coalition (EGDC) is a global initiative of companies, supported by the European Union, that aims to harness the enabling, emission-reducing potential of digital solutions for other sectors. It does so by providing organisations with a credible, science-based methodology to quantify the climate impact of their digital solutions.



Funded by
the European Union



WHAT IS THE MISSION OF THE EGDC?

The purpose of EGDC is to develop and employ consistent and transparent methodologies to assess and maximise the contribution of digitalisation to the green and digital twin transition. While methods to calculate the ICT sector's own carbon footprint are becoming more standardised, approaches to measuring ICT-enabled emissions reductions remain fragmented.

The EGDC was established in response to this call. It provides a platform for cross-sector cooperation and supports the development of guidelines for deploying green digital solutions in sectors such as energy, transport, manufacturing, agriculture and construction.



Agriculture



Buildings/Construction



Energy/Power



Manufacturing



Smart cities



Transport

WHAT HAS BEEN ACHIEVED AND WHAT IS TO COME?

Pilot phase (from March 2021 to 2025): The EGDC began with a Pilot Phase that developed a science-based methodology, the Net Carbon Methodology (NCM), to measure the enabling impact of digital solutions on climate outcomes. This work laid the foundation for consistent assessment of how ICT solutions can support climate objectives across key sectors.

Deployment phase (since March 2025): The EGDC is now in its Deployment Phase, which focuses on applying the methodology to real-world projects and enabling its use at scale. This phase involves quantifying the climate impact of digital solutions in real-life settings, supporting sustainable finance by providing financial institutions with tools to identify and assess green digital innovation, and encouraging broader adoption of the methodology.

Interested in contributing? You can submit a digital solution through this [online form](#).

DO YOU WANT TO JOIN US IN THIS MISSION?

We invite organisations to submit digital solutions they are currently deploying, either as users or technology providers, to test and apply the EGDC Net Carbon Methodology (NCM) and calculate the net carbon impact of an ICT solution. Both already implemented and planned (pre-implementation) solutions are welcome. We are seeking digital solutions that:

- **Deliver an end-to-end ICT or digital system**, using technologies for monitoring, analysis, and communication;
- **Demonstrate emissions savings**. This may result from reduced resource use, but other emission-reduction mechanisms are also eligible.

WHAT ARE THE BENEFITS OF PARTICIPATING?



Gain EU-Taxonomy alignment: The methodology aligns with the EU Taxonomy, so completing a case makes your solution Taxonomy-aligned and eligible financial programs supporting sustainable projects.



Free advisory support: Measuring the impact of digital solutions can be complex and time-consuming. Our team will handle these calculations and analyses at no cost for you, providing accurate avoided emissions using the methodology.



Gain visibility as a leader in sustainability: Use your case study to demonstrate your impact and commitment to green initiatives. Your company will be featured on the EGDC website, invited to EGDC events and international activities, and can leverage the case studies in your marketing and communications.



Grow your solution's audience or customer base: Having your solution assessed provides credible proof of its carbon impact. Once a calculator is developed for a solution, it can be adapted to reflect the specific conditions of other customers.

WHAT DOES A CASE STUDY INCLUDE?

- **Case calculator:** A solution-specific tool to measure the net carbon impact of your ICT solution, including emissions across its full lifecycle.
- **Methodology document:** A detailed report explaining the calculation, methodology, variables, lifecycle emissions, and other relevant factors.
- **Case study summary:** A one-page summary suitable for sharing and marketing purposes.

Website

Contact us

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