



# B12 Consulting - ONE PAGE EXPERTISE DESCRIPTION

The aim of this document is to introduce your organisation to potential project leaders. Since there are hundreds of such descriptions circulating throughout Europe, please keep it short, concise and precise so potential project coordinators can quickly assess if your contribution would be useful. This document does not aim to provide an extensive overview of your activities, but to show in a few words your added value relevant to a specific topic or group of topics. **Please fill in one form per field or research/expertise.**

## INFORMATION ABOUT THE EXPERT

ORGANISATION	B12 Consulting
ADDRESS	Boucle Boucle Odon Godart, 2 – 1348 Louvain-la-Neuve
TYPE OF PARTNER	SME
WEBSITE	<a href="https://www.b12-consulting.com/en/">https://www.b12-consulting.com/en/</a>
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POSITION	Managing Partner
DATE OF PUBLICATION	Founded in 2012

## EXPERTISE OVERVIEW

### TOPIC(S) OF INTEREST:

B12 Consulting's expertise covers 3 areas:

- Data science and Artificial Intelligence
- Custom software development
- IT consulting

### HEADLINE:

B12 Consulting is a services company, expert in custom software development, data science and artificial intelligence. Our mission is to develop innovative IT solutions to meet the business challenges of its Clients, of all sizes and in all sectors.

### POTENTIAL CONTRIBUTION:

B12 Consulting is a services company, expert in custom software development, data science and artificial intelligence. We specialize in addressing real life challenges through the design and development of customized IT solutions. In that context, we have already worked on multiple projects in many different sectors such as the biopharmaceutical, healthcare, mobility, energy, construction or the automotive industry.

The wide range of cutting-edge technologies we master related to artificial intelligence/data science and custom software development allow us to develop solutions adapted to all kinds of challenges. Our team with a scientific DNA has already led more than 400 projects in Belgium and internationally.

Here are a few examples of projects that could help you understand the variety of our areas of application:

1. For Perpetum, a SME in the energy sector, regional leader for PV panel installation and monitoring: Development of a monitoring, prediction and anomaly detection platform for local mass production of photovoltaic energy.
2. For Recupel, a Belgian organization responsible for the collection and recycling of electrical and electronic equipment: Development of complex algorithms to model a household electrical waste collection and recycling network in order to improve reporting and to allow more targeted communication actions.
3. For the Stib, a Brussels public transport company: Realization of various "data science" projects aiming at energy sobriety (in particular for the new fleet of hydrogen electric buses) and more proactive (and less expensive) vehicle maintenance.
4. For Jeasy, a disruptive startup in the mobility sector: Development of algorithms and technological infrastructure to support an application to promote intermodality.
5. For Factor-X, a climate strategy and sustainable development consultancy for companies and public authorities across Europe: Development of the Myrmex platform allowing large companies to optimize their reporting process of non-financial data (environmental and societal) such as their local and global carbon footprints.
6. For a governmental agency: Development of a platform allowing citizens and SMEs to quickly and simply perform a CO2 assessment, as well as to concretely understand the potential impact of their reduction actions (ongoing project).
7. For BeWAPP, a NGO in charge of promoting responsible waste disposal in public spaces: Using AI/ML to better understand and predict the use of public waste garbage cans to optimize waste collection.
8. For a SME in the construction industry installing energy management, heating systems and insulation solutions: Development of a high-speed dynamic modeling tool for heat flows in residential buildings, with a goal of optimizing heating solutions and allowing the preferential use of more environmentally friendly technologies.

B12 Consulting is also referenced as an expert in its field by AI4Belgium, DigitalWallonia, les chèques entreprises and Agoria.

Agoria: <https://www.agoria.be/fr/developpement-de-marches/international/big-science-technology-club/b12-consulting-la-nouvelle-pepite-belge-de-lia>

Agoria: <https://www.agoria.be/fr/digitalisation/intelligence-artificielle/fernand-georges-quincaillerie-centenaire-se-lance-dans-lia-grace-a-b12-consulting>