



Bram Borghijs

Project Manager – Digital Transformation & AI focused

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📍 Kemzeke, Belgium 📅 Born: 22/06/1998

Languages: Dutch (native), English (fluent), French (basic)

Professional Summary

Result-oriented project engineer with a strong foundation in industrial piping, automation, and process optimization. Known for leading multidisciplinary teams and managing high-budget technical projects. Passionate about AI-driven workflows, lean methodologies, and digital transformation. Strong communication and stakeholder management skills. Starting an Educational Master in AI in 2025 to complement technical expertise with advanced AI capabilities.

Education & Certifications

- ✓ Post Graduate AI – Howest (2026)
- ✓ Lean Green Belt (2025)
- ✓ Industrial Engineer Electromechanics – Business Management, KU Leuven (2020 – 2024)
- ✓ Bachelor in Electromechanics – Process Automation, Artesis Plantijn Hogeschool (2017 – 2020)
- ✓ VCA-VOL Safety Certificate (2020)
- ✓ Industrial Sciences – WeTech (2017)

Technical Skills

- Project Tools: MS Project, Visio, Power BI, Powerapp
- Web design, Webapps, Websites
- Local apps
- AI chatbots and workflows
- CAD/Design: SolidWorks, AutoCAD, Inventor
- Automation: Siemens TIA Portal, Fluidsim, Eplan
- Programming: Java (Greenfoot), HTML, Visual Studio Code
- Simulation: DesignBuilder, Arena, Abaqus
- AI Tools: ChatGPT, Gemini, ElevenLabs, NotebookLM, API connections
- Office: Microsoft 365 (Excel VBA advanced)
- Math tools: GeoGebra, MATLAB

Personal Interests

AI technologies, soccer, fitness, running, DIY/handyman projects.

Work Experience

Innovatie en digitalisatie: De Rycke Beton – Kallo, Belgium (2026 – present)

- App Development, Ai integration
- Check portfolio

Project Engineer: Indinox NV – Lokeren, Belgium (2021 – 2026)

- Managing technical projects in industrial piping with budgets up to €2.5 million.
- Workflow optimization, client communication, team coordination, and budget control.
- Applying lean principles and ROI analyses for operational efficiency.
- Implementing internal tooling for traceability using Excel VBA and automation logic.

Private Tutor (STEM subjects): Bijleshuis – Freelance (2018 – 2020)

- Tutored university and high school students in physics, math, chemistry, and mechanics.
- Specialized in simplifying complex scientific topics.

Key Projects

• Checkout portfolio:

• Arcelor Mittal – ‘TRT Project’

Managed €2.5M piping and engineering project at one of Belgium’s largest steel plants.

• Ajinomoto Omnicem – ‘SY2 Expansion’

Led €2M piping and valve implementation for a new pharmaceutical production unit.

• Master’s Thesis – KU Leuven

Enhancing Operational Performance and Workplace Efficiency at Indinox NV

• Pear Sorting Machine – KU Leuven

Designed a complete industrial system incl. E-plan, SolidWorks 3D model, Fluidsim pneumatics, PLC (TIA Portal).

• Master’s Thesis – KU Leuven & University of Ljubljana (not defended)

Evaluated the EPB energy calculation process in Belgium through international benchmarking.

• La Confiance (Food Industry)

Mapped and optimized cookie supply chain and conveyor belt system using lean tools.

• Closing the Loop – Erasmus (Vaasa, Finland)

Led soil element impact study on agriculture.

Created public-facing project website: <https://kalagroproject.wordpress.com>

Soft Skills

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|--------------------------|------------------------|
| ✓ Positive & pragmatic | ✓ Team synergy builder |
| ✓ Result-driven | ✓ Customer-focused |
| ✓ Excellent communicator | ✓ Time manager |
| ✓ Leads by example | ✓ Common sense |