

Ivar Soares Urdalen

Senior Consulting Engineer
MSc Civil and Environmental Engineering



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Summary:

- 8-years' experience as Civil Engineer with project management and international mindset. Work experience from Norway's leading consulting engineering companies.
- International work experience from equipment supplier (Uganda and Europe). Exchange studies in Brazil and international courses (Paris, Prague, Romania)
- MSc in Civil and Environmental Engineering from NTNU (2015), Trondheim with excellent academic results (Grade: A).

Key Qualifications:

- Multi-disciplinary skills (engineering, IT, language, project management and business development)
- Great analytical skills and extensive knowledge for civil engineering design (AutoCAD Civil 3D, ArcGIS/QGIS, etc).
- Fast Learner (ex: learned fluent Portuguese in under 6 months)
- High working capacity (Studies at NTNU was finished during full time job)

EXPERIENCE:

08.2017 – Now

MSc Civil Engineer, Rambøll (www.ramboll.com)

Senior Consulting Engineer in Water department.

Typically Discipline Lead or Project Manager in projects.

Tasks: Design (3D/CAD/BIM), Project Management, Tender documents, Feasibility studies, Preliminary design and detailed design. Management of project members from Ramboll REC office in New Delhi, India.

Placed in the International Water department in Copenhagen in 2020-2021.

08.2015 – 07.2017

Project Manager, Aqua Unique Norway

www.aun.as / www.aquauniqueafrica.com

Responsible for projects at equipment supplier for water treatment

- Experience with project budgeting, market research, technical solutions, contracts, customer follow-up, logistics, supplier negotiations, marketing, strategy and recruitment.
- Excel sheets for project budgets, pricing models, supplier comparison, technical design, etc.
- Proposals and detailed design for projects in Uganda / East-Africa.
- Market research study to Costa Rica. Translator, report writing, interviews.
- Supplier visits in Spain, France, Netherlands and Ukraine. Follow up of Chinese supplier.

08.2014 – 09.2015

MSc Civil Engineer at Asplan Viak, Sandvika

www.asplanviak.no

- Upgrade of the second biggest WTP in Norway (Langevatn)

Estimated construction costs: USD 125 million

Tasks: Electrical design and Process control, Design, 3D CAD modelling, Material Takeoff, P&ID, Tender documents

- Upgrade of Kristiansand WWTP, Norway

Estimated construction costs: USD 50 million

Tasks: Design, 3D CAD modelling, Material Takeoff, P&ID, Tender documents

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Senior Consulting Engineer

MSc Civil and Environmental Engineering

06.2012 – 08.2012: **Internship at COWI Water/Wastewater Engineering, Oslo** – www.cowi.no

- Design of water distribution systems
- CAD modelling (Autodesk Civil 3D and Novapoint)

06.2011 – 08.2011 **Internship at Bergen Water KF, Bergen**

- Operation and water quality analysis at water treatment plants

06.2009 - 08.2009 **Internship at Silicon Labs (startup company), Oslo** – www.silabs.com

- C programming for development kit

EDUCATION:

08.2010 – 06.2015 **MSc Civil and Environmental Engineering at NTNU, Trondheim, Norway**

Grade: A

Specialization: Water and Wastewater Engineering

Additional courses in Hydropower, Hydrogeology, Finance, Computer Science.

03.2014 – 07.2014 **Exchange: Federal University of Santa Catarina, Florianópolis, Brazil**

01.2013 – 06.2013 **Spanish and Portuguese studies in South America**

08.2008 – 06.2009 **Technical Cybernetics at NTNU, Trondheim, Norway**

Grade (1st year): A

08.2004 – 06.2007 **Notodden High School, Norway**

08.2005 – 06.2006 **Mitchell High School, Indiana, USA**

High School exchange studies

AWARDS:

04.2007 Winner of Norwegian Informatics Olympiad (nio.no)

Algorithmic Programming Competition for High School Students (C++ Programming)

Qualified for Baltic Informatics Olympiad and International Olympiad in Informatics.

ADDITIONAL COURSES:

04.2014 TU Delft – Solar Energy, Online Course, edX

05.2013 TU Delft – Water and Wastewater Treatment, Online Course, edX

11.2013 ATHENS Course – “Environmental Biotechnology”, Prague, Czech Republic

11.2012 ATHENS Course – “European Water and Sanitation Services vs Sustainable Development”, Paris, France

07.2011 BEST Course “Green Future» w/ theme: Sustainable Development in Iasi, Romania ([Board of European Students of Technology](#))

LANGUAGES:

English – speak and write fluently

Spanish – speak and write good

Portuguese – speak and write fluently

Norwegian – native language

COMPUTER SKILLS:

Advanced data analysis and VBA programming in Excel

Experience with civil engineering software: AutoCAD, Revit, Civil 3D, Navisworks

Good programming skills in C++, Python, R and Matlab.

OTHER INTERESTS:

Languages and travel.

REFERENCES:

Will be provided upon request.