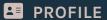
Anmol Soni



- Lutherse Burgwal 18L, 2512CB, The Hague, NL
- anmol_soni@outlook.com
- +31-623562077
- in a-soni
- Indian
- ## 31 May 1994



With a background in sustainable energy and policy advocacy, I am looking forward to working in the field of sustainability and tackling complex 'wicked' problems through data-driven decision-making.



Python Programming Language



Visualisation Pandas, Matplot.lib, Plotly



Agent-Based Modelling Mesa, Netlogo



Git & GitHub **Web Scraping**

BeautifulSoup & Selenium **Microsoft Office**



EDUCATION

MSc. Engineering and Policy Analysis (Honours),

TU Delft (Technische Universiteit Delft)

Aug 2020 - Aug 2022 | Delft, The Netherlands

- Specialised in Data Science, Modelling and Simulation of complex energy systems.
- Followed the Honours program track (HPM) designed for exceptional students with a focus on strategic interdisciplinary problem-solving.

P.G. Diploma in Environmental Law and Policy,

WWF | National Law University

Sep 2019 - Sep 2020 | New Delhi, India

- Developed insights into the global environmental discourse and stakeholder analysis.
- · Learnt legal and policy framework for addressing crossborder environmental conflicts.

Bachelor of Mechanical Engineering,

R.T.M. Nagpur University

Jul 2011 - 2015 | Nagpur, India

- Academic: Graduated with First Division.
- Published a white paper on using system dynamics for improving the process efficiency of a flux production unit in Nagpur, India.

PROFESSIONAL EXPERIENCE

Croonwolter&dros, Energy Modeling Intern

Feb 2022 - Aug 2022 | Rotterdam, The Netherlands

- Developed an agent-based model of the energy community for evaluating the impact of demand response on selfsufficiency and energy expenditure of the community.
- Formulated a two-step policy plan for reducing grid dependence through demand response and behind-themeter storage in Dutch Energy Communities.

TPM Resilience lab,

Research Assistant - Spatial (GIS) Analysis

Apr 2021 - Feb 2022 | Delft, The Netherlands

- urban resilience and devising practical advice to improve crisis governance during pandemics.
- Presented key findings at the International Conference of Computational Social Science 2021.
- Curated location data and did spatial analysis for creating an Agent-based model of the Hague.

Bask Research Foundation,

Research Associate - Energy Policy

Jun 2018 - Jul 2020 | Jaipur, India

- Implemented systems thinking approach for capacity building of local electricity consumers in western Rajasthan, India.
- Initiated and led multiple projects related to energy policy and regulatory governance in electricity distribution.
- Coordination with local DSOs for digitalisation and demand management.



INTERDISCIPLINARY **PROJECTS**

QCONNECT: Adoption of circularity in the Dutch automotive industry, RIVM (National Institute for Public Health and the Environment)

Dec 2021 - Feb 2022

- Developed an agent-based model for facilitating virtual experimentation and exploratory analysis for circular policies in the Dutch automotive sector.
- This model was successfully implemented and is available on the GitHub 🗷 repository.

Integration of geothermal energy in Waalhaven area of Rotterdam, Gemeente Rotterdam

Sep 2021 - Nov 2021

- Led an interdisciplinary team of three students for creating a strategic roadmap for the integration of geothermal energy in Waalhaven, Rotterdam. 🗷
- Performed multi-criteria decision making and conducted risk & uncertainty analysis for maximising the co-benefits.
- Demonstrated effective leadership and communication skills rooted in appreciation and respect in a diverse multicultural team.

LANGUAGES

English (Proficient)



Hindi (Native Speaker)



Dutch (Learning)





Reading (Genre fluid), Guitar (indie-pop, country rock), Cooking

Boond Engineering and Development,

Design Engineer - Solar Microgrids

Dec 2016 - Nov 2017 | New Delhi, India

- Engineered and realised solar microgrid projects for rural electrification of 300 households in Uttar Pradesh and Rajasthan, India.
- Facilitated grid integration of decentralised Hybrid microgrids.

EXTRACURRICULAR

Delft Global Student Club, TPM Faculty Ambassador

Feb 2022 - present | Delft, The Netherlands

- Promoting research and internship opportunities in the global south across the TPM Faculty.
- Editing and publishing the quarterly magazine of the student club.
- Enhanced my communication and interpersonal skills.

Dentatus, Treasurer | Convenor Events Committee

Nov 2020 - Nov 2021 | The Hague, The Netherlands

- Audited and managed the accounts of Dentatus, the study association of MSc. Engineering and Policy Analysis.
- · Organised social events for rebuilding the community feeling in cohort amidst lockdown and online education.



CO-CURRICULAR

Intangible Matter of Spaces,

Alta Scuola Politecnica (Honours Winter School)

Mar 2022 | Loano, Italy

- Attended winter school focused on creating social, economic, and cultural value at the Milano Innovation District.
- Gained insights into impact investing, co-creation and value generation through commons.
- Hands-on experience in investment pitches, stakeholder engagement and negotiations.

Energy Economics and Policy,

Indian Institute of Technology

Nov 2019 | Chennai, India

• Learned macro-economics principles governing demand management and policy regime in the electricity sector.

Python for Data Science, Indian Institute of Technology

Nov 2019 | Chennai, India

• Learned basics of python programming for data analysis and visualisation.

Energy Efficiency in Emerging Economies,

International Energy Agency

Dec 2018 | New Delhi, India

· Gained international insights into planning and implementing energy efficiency policies in emerging economies.