



Marleen Greenberg | Consultant

Climate neutrality - Nature-based solutions - Compensation

Marleen Greenberg is our biology and ecology expert. Her focus is on nature-based solutions, i.e. solutions that are inspired and supported by nature and at the same time bring ecological, social and economic benefits. Here, the biologist advises specifically on biological climate protection, such as the rewetting of peatlands and forestry projects. Other focal points of her work are compensation or climate financing as well as non-energy emissions. She is also involved in the coordination of internal knowledge management within Hamburg Institut.

Already during her studies of biology at the University of Hamburg, the topic of climate aroused Marleen Greenberg's interest, among other things through her work as an auxiliary scientist in the AG Biogeografie in the field of dendrochronology (tree ring research). Parallel to her Master's degree with a focus on biodiversity, ecology and evolution, she worked as a biologist in an environmental planning office, where she dealt with biotope mapping and GIS.

Consultancy and research focus

- Climate neutrality, especially for municipalities
- Compensation / climate financing
- Rewetting of peatlands, biological climate protection, forestry projects
- Advice on nature-based solutions and negative emissions
- Non-energy emissions (agriculture, LULUCF)

Qualification and career

Since 2022	Consultant at Hamburg Institut
2021	Biologist , Planungsgemeinschaft LaReG
2019 – 2022	M.Sc. Biology , Universität Hamburg
2020 – 2022	Self-organised student project „MeiForest“ (Complex analysis of a Renaturalised compensation area incl. adaptation and mitigation potentials)
2016 – 2020	B.Sc. Biology , Universität Hamburg
2019 – 2022	Student assistant , Dendrochronology laboratory, Universität Hamburg

Projects (selection)

<p>2023 <u>Fortschreibung des Energie- und Klimakonzepts der Stadt Velbert</u> <u>Focus:</u> Maßnahmenwirkungsbewertung, Potenzialanalyse <u>Partner:</u> 4K Kommunikation für Klimaschutz <u>Client:</u> Stadt Velbert</p>	<p>2023 Szenarien Klimaplan 2035 <u>Client:</u> Region Hannover</p>
<p>2022 Erstellung einer Kompensationsstrategie mit Moorprojekten <u>Client:</u> Aktiengesellschaft im Mobilitätssektor</p>	<p>2021 - 2024 <u>Forschungsprojekt SolnetPlus</u> Solare Wärmenetze als eine Lösung für den kommunalen Klimaschutz. <u>Focus:</u> Kompensationsmaßnahmen im Rahmen von Solarthermie-Freiflächenanlagen <u>Client:</u> gefördert durch das BMWK / NKI</p>