

# Andrea Ramírez Ramírez

## **Position/Department/Division/Institution/Organization**

Professor. Chair Low Carbon Systems and Technologies/Faculty of Technology, Policy and Management/ Delft University of Technology

## **Country**

The Netherlands

## **Career history**

Dr Andrea Ramírez is professor in Low Carbon Systems and Technologies. She holds a bachelor in chemical engineering (Colombia), a master in human ecology (Belgium) and a PhD in industrial energy efficiency (the Netherlands). After working for over a decade at the Copernicus Institute, Utrecht University, she moved three years to Delft University of technology (the Netherlands) where she leads a research group that focuses on the evaluation of novel low carbon technologies and the design of methodologies and tools to assess their potential contribution to sustainable (energy and resource) systems.

## **Awards/Publications**

Prof Ramirez is one of the recipients of the Delft Technology Fellowship programme. She has been involved in several national and international projects and has recently been granted a personal grant of 1.5 Million Euro by the Netherlands Organisation for Scientific Research Foundation (NWO) to analyse the impact at system level of replacing fossil fuels with alternative raw materials in petrochemical industrial clusters. Prof Ramirez has published over 150 publications. For a list of publication click [here](#).

## **Areas of expertise**

Prospective technology assessment, techno-economic analysis, life cycle assessment, system analysis, carbon capture utilization and storage, biobased chemicals and materials.