



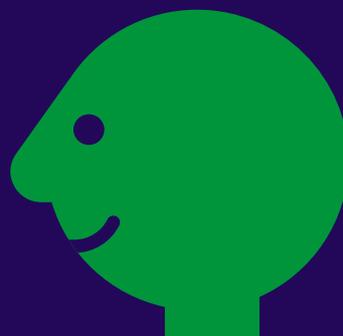
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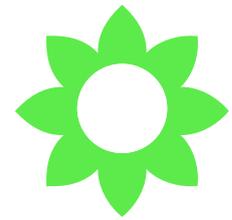
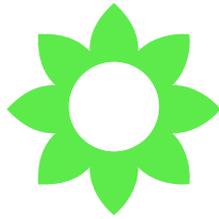
Green careers guide

Ahmed Elsheikh
Egypt



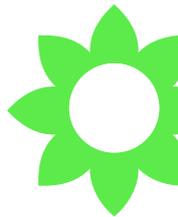
Ahmed Elsheikh

Egypt



My name is Ahmed Elsheikh, a mechanical engineering lecturer at South Valley University (Egypt). I have finished my chemical engineering PhD at The University of Sheffield in January 2020 a few weeks before the pandemic hits the globe. During it, I have developed a diverse set of interests and skills that ultimately leads to climate preservation and energy decarbonization.

Additionally, I have contributed to The Sheffield City Region (SCR) Energy Policy draft with other academics and PhD researchers at The University of Sheffield. Our key findings include proposing that SCR would accelerate the transport sector decarbonization. Additionally, we recommended to further support the community initiatives and projects seeking and pursuing alternative clean energy sources. On a personal level, I have changed my lifestyle and adopted a climate awareness to change my regular-consuming habits aiming to reduce my carbon footprint. To do that, I have made use of Friends of The Earth's guide (save cash & save the planet) to consume less and recycle whenever it is convenient. Growing vegetables and flowers is one example of the new habits that I have adopted. The shown flower photo is one that I had grown in Sheffield in front of my house despite the usually-missing sun and continuous rainy days. Another example is that I have become more into DIY ideas to reduce the toxics included in my shower, dishwashing and cloth-washing added to making my DIY perfume. I stopped trashing the things I do not need but looked for someone who might need them to donate to. Another example is that I have started to learn more about cooking making use of fresh local vegetables and fruits instead of far-transported goods that generate



much more emissions than the locally-produced items in terms of packaging, refrigerating, and transportation. Going further on this path, I replaced the public transport by cycling to hit three birds with one stone: preserving the climate, exercising, and saving some cash.

Moving forward, I look forward to implementing and transferring the skills I have acquired in Sheffield to Egypt. I believe the challenge is much greater because the public opinion and culture in The UK take the climate change and environmental crisis more seriously. However, considering the big umbrella of sustainable development goals, climate change is one of the most urgent and serious challenges even in Egypt added to education quality and health care. Yes, by default, people in Egypt (& Africa) produce much less carbon footprints compared to their European peers, but that is not an excuse for ignoring the carbon emissions, especially most of the African nations have not yet embarked on any of renewable energy solutions. Facing that, there is a dire need to link industry to university to ensure providing educational services that is suitable for industrial needs. This is the basis for job creation for current students. That is why I am reaching out to industrial bodies in Egypt in an effort of bridging two worlds that are isolated currently.

