

## **Motivational Letter for MS in Sustainable Resource Management**

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My intuitive strength has always been inventive and creative imagination. Throughout my educational career, I have been a shining student. I had finished my schooling with 86% in 10th class and with 87% in 12th class. I am proud to say that I have earned my Beholder's degree in Mechanical Engineering from the University which is one of the best Universities in the PAKISTAN. Right after my graduation in Mechanical Engineering, I started working on a contract basis as a Site Engineer in the company "Electromech". This company was working on a small scale and had only two Mechanical Engineers including me. My major responsibility was the supervision of the energy audit team and a solar installation on site. I was leading the team of 15 employees comprising of staff, Fabricators, Fitters and Helpers.

Recently, I was working as a "Trainee project engineer" in PEECA (Punjab energy efficiency and conservation of energy). This is leading government institution in Pakistan to work on Prime minister's "CLEAN AND GREEN PAKISTAN" Program. My recent projects were including Energy audit and retrofitting in all government hospitals and universities in Punjab and solarization afterwards. After getting in touch with energy filed, I felt that this is where I can give my best and I honestly had much more job satisfaction. Therefore, to gain more access to renewable resources, I recently joined a part-time short course in TU Delft in "Natural Resources for Sustainable Development".

Despite a few experts on renewable energy here in Pakistan, there is a lot of work going on in the current era. Pakistan's renewable energy policy draft is aiming at a 30% increase of fuel energy mix by renewables although it is currently sitting at just 4%. Moreover, the private sector and government authorities are working on sustainable development and clean and green energy projects in Pakistan. However, I think there is a need to increase my abilities by getting and on experience and interaction with multicultural societies. This is the main reason why I became more interested in energy and management field and wanted to explore more aiming all over the

world. Moreover, all associated courses, multicultural experience and best faculty are also the reasons to move from Pakistan to Germany.

Germany has a very rich cultural background with multiple nationals residing in it. Moreover, it attracts visitors and people from every part of the world. For me, I think, it will be my honor to spend my two years in this country. I expect myself to be more groomed, polished and innovative by becoming alumni of this program. An increasing approach of English taught programs is what making Germany more charming among students who have studied in the English language previously. From academic resources to bustling nightlife, it is an educational and cultural hub for students from across the globe.

I accept that many other countries are offering relevant programs regarding renewable energy but the program of sustainable resource management fulfils all requirements to excel in my career as a project engineer. My professional experience and master study exactly are identical to this program. Also, I am excited to get bonus experience and coursework like risk assessment, environmental problems and simulation which I believe, are very important to work in world level organizations like United Nations or international energy agency. Everybody knows that managing skills of developed countries are far ahead of developing countries like Pakistan. Although I find myself among top young energy specialists still, we have conventional ways of management in offices. The blend of top faculty and great talented students will surely help me sharpening my skills to make me among top-level energy enthusiast of the world.

Moreover, Sustainable Development has been defined by many researchers and theorists. This term is called a long-term development need for the better living standard of human beings. But the main factor is without jeopardizing the quality of living of future generations. All human beings must have equal rights to live a deserving life in a society with continuous and sustainable development. So, there is a need to sustain the technologies of energy resources because it is necessary for future generations. By adopting Sustainable resource management techniques in the energy sector such as windmill reservation, construction of long-term dams to store water etc. it would help to create more efficiency in the particular sector not only in Pakistan but in all the other Developing countries.

Due to heavy load of engineers, recent graduates are not clear which thing to choose afterwards. I aim to bring a platform for our youth to familiarize with what they are capable of. I am an ambassador to the youth of Pakistan and million smile organizations representing my university. After I am done with the course in Germany, my goals are to deliver those strategies and methods in the energy department of Pakistan. I am sure that at this current rate of progress in the energy field, Pakistan will be a hub of renewable energy in future due to its rich resources. On my comeback, I aim to work with world level organizations like the UN or UNESCO to make Pakistan more sustainable and energy-rich. This program will be my entry ticket to those organizations.

Being only stick to study and field is a good idea, but a person without interacting with society and culture is not more than a robot. I was an active member of ASME (American Society of Mechanical Engineering) and organized a couple of events including Dramatics and water jet rockets. I was also captain of the cricket team of college and we won inter-district tournament which made me work under pressure. All the above things gave me the confidence to lead, Teamwork, ability to stand up in front of the crowd and organizational skills which I am lucky to have.

I believe your esteemed program, known for its best faculties, will be the best place for me to pursue my graduate studies. Working together with the best minds of the world will be an enriching experience and this will excel me on, to being the very best in my field. I am very confident with my sincere and dedicated nature that I will be able to fulfil the high standards expected of your program. I eagerly wait for your kind acceptance and granting me admission to Master in Sustainable Resource Management.

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