

ENVIRONMENTAL LAW AND ENGINEERING ETHICS; COMPLIMENTARY DRIVERS TOWARDS A SUSTAINABLE FUTURE



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PhD in Chemical and Bioprocess Engineering

University College Dublin, Ireland

January 2012 – January 2016

Research Engineer

European Cement Research Academy, Germany

June 2014 - September 2014

Post Doctorate Research in CRANN Institute

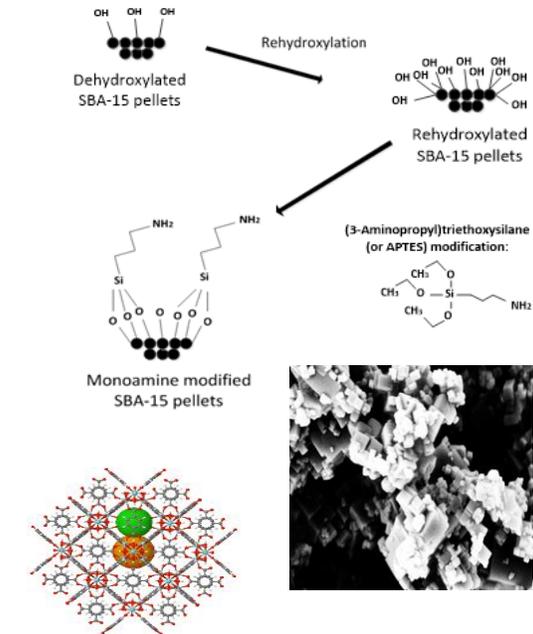
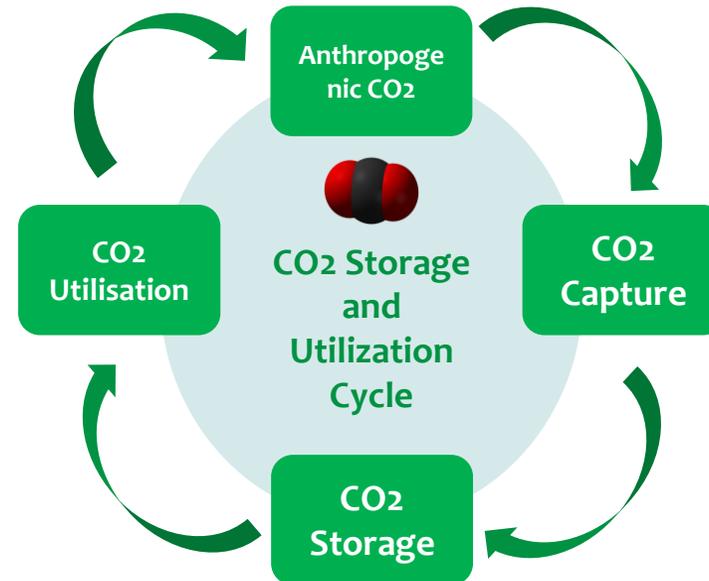
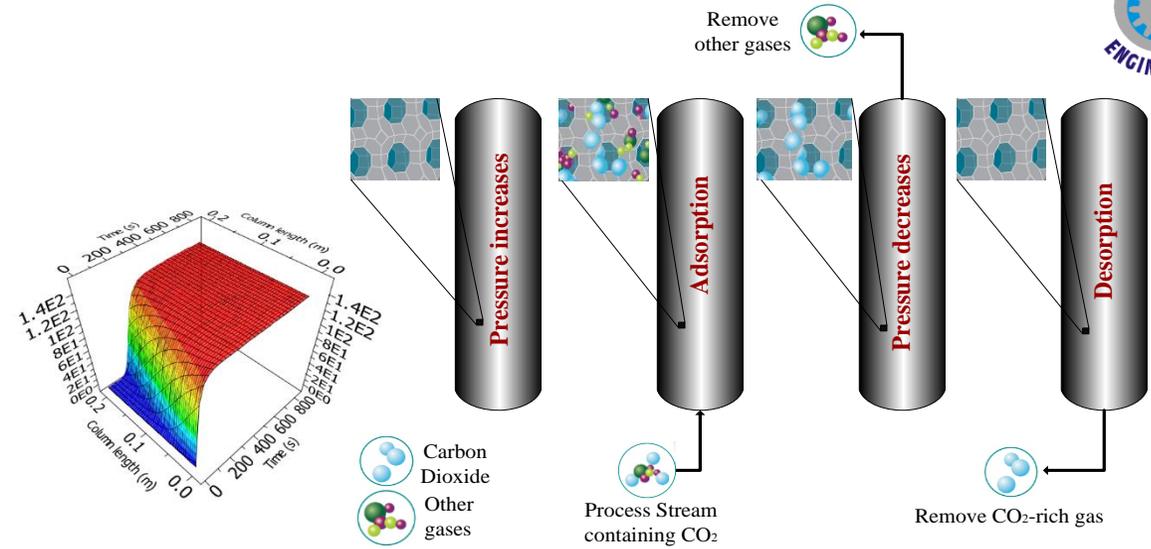
Trinity College Dublin, Ireland

February 2016 – August 2017

Lecturer in Process and Chemical Engineering

University College Cork, Ireland

September 2017 – Present



1.0 RELATIONS WITH COLLEAGUES, CLIENTS, EMPLOYERS, EMPLOYEES AND SOCIETY IN GENERAL:

1.8 Members shall not divulge any confidential information regarding the business affairs, technical processes or financial standing of their clients or employers without their consent. They shall not use any information obtained in the course of their assignment for the purpose of making personal profit, if such an action is contrary to the best interest of their employer or the public. They shall not divulge, without permission, any unpublished information obtained by them as members of an investigating commission or advisory board.

1.9 At all times in their relations with the public, Members shall apply their skill and experience to the common good and the advancement of human welfare with proper regard for the safety, health and welfare of the public. A Member shall not engage in any activity which he/she knows or has reasonable grounds for believing is likely to result in a serious detriment to any person or persons.

1.10 At all times in their relations with employers, or clients, Members shall apply their professional skills and experience in providing their opinions and advice in the interests of the legitimate interests of their employers or clients. Subject to the provisions of Clause 1.9 above, they shall do nothing directly or indirectly which is inconsistent with those interests.

1.11 If a Member becomes aware, or has reasonable grounds for believing, that another Member is engaging in conduct or has engaged in conduct which is a breach of the Code of Ethics and is likely to result in a serious detriment to the public interest, the Member shall report the same to the appropriate authority.

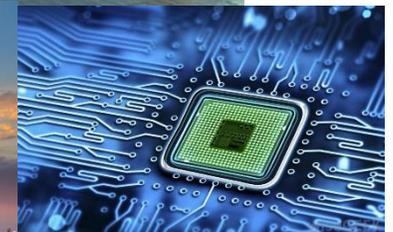
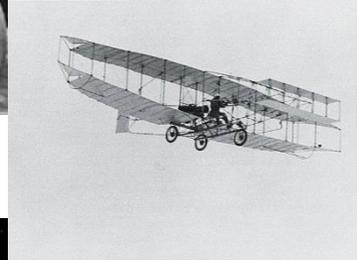
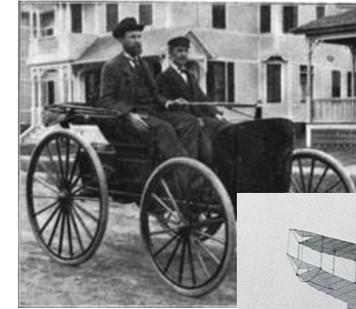
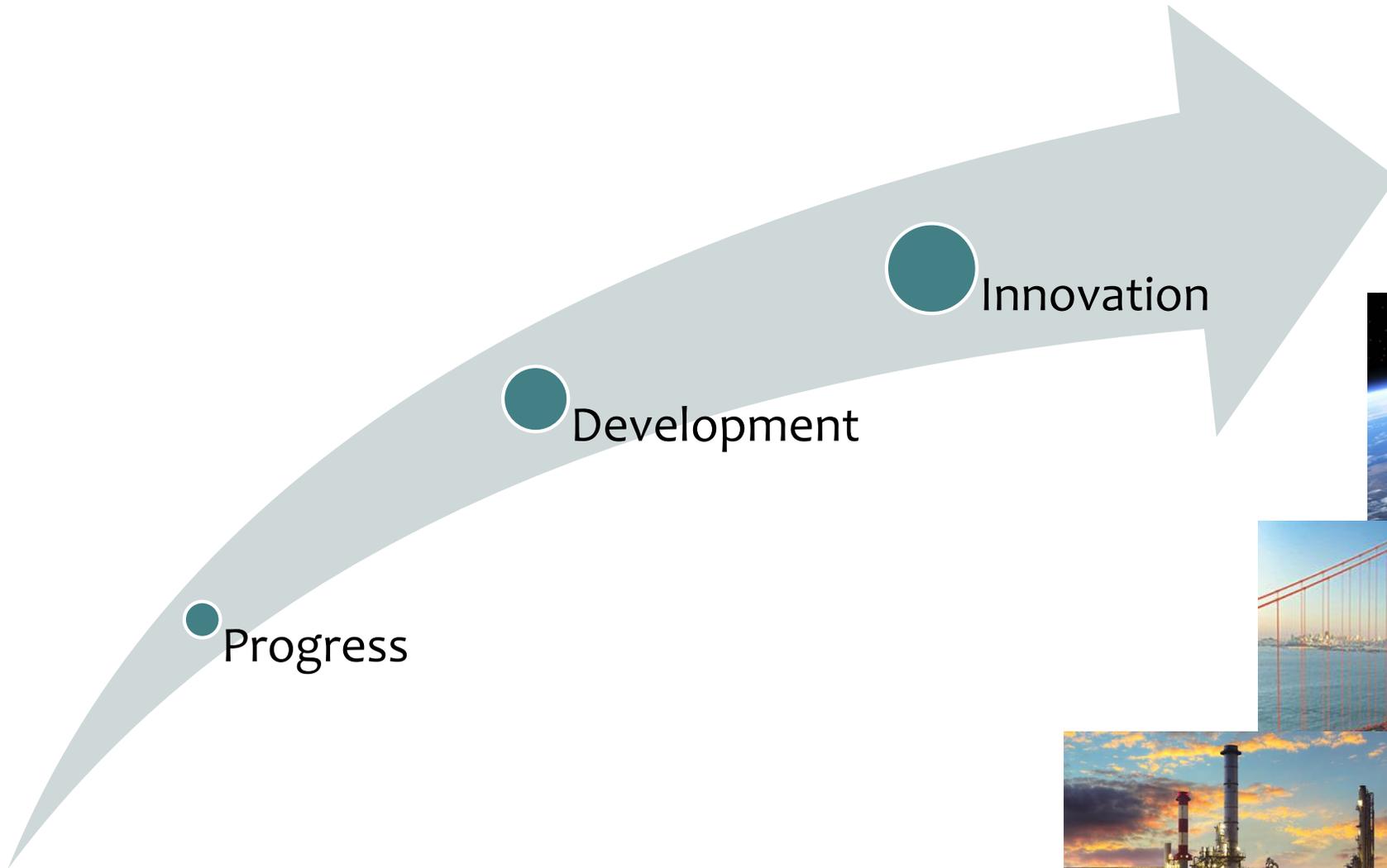
2.0 ENVIRONMENTAL & SOCIAL OBLIGATIONS:

2.1 Members shall at all times be conscious of the effects of their work on the health and safety of individuals and on the welfare of society. While acting as designers, operators or managers on projects, members shall strive to eliminate risks to health and safety during all project stages. Members shall also undertake to minimise or eliminate any adverse impact on the natural environment arising from the design and execution of all project work that they are engaged in.

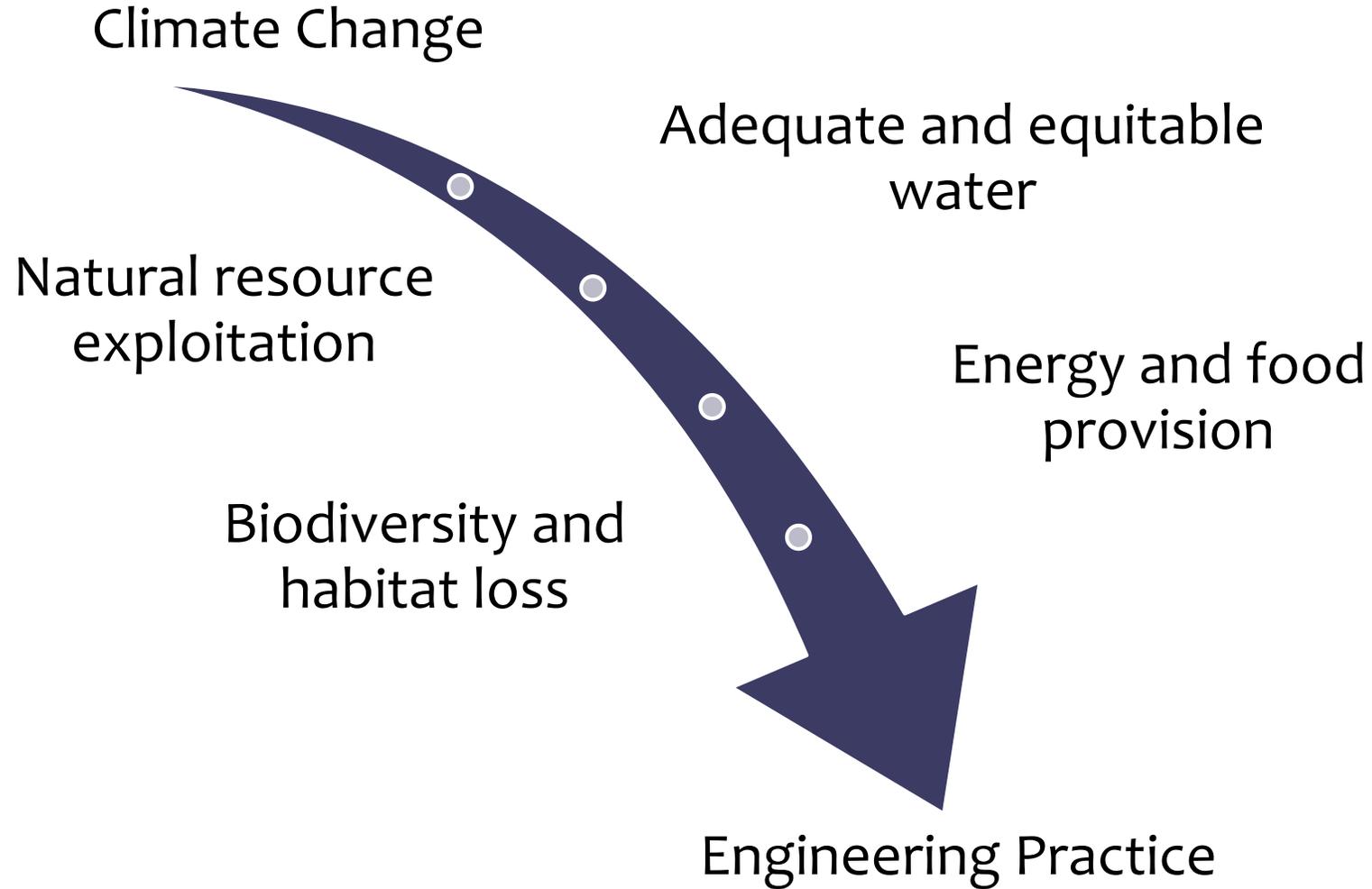
2.2 Members shall promote the principles and practices of sustainable development and the needs of present and future generations.



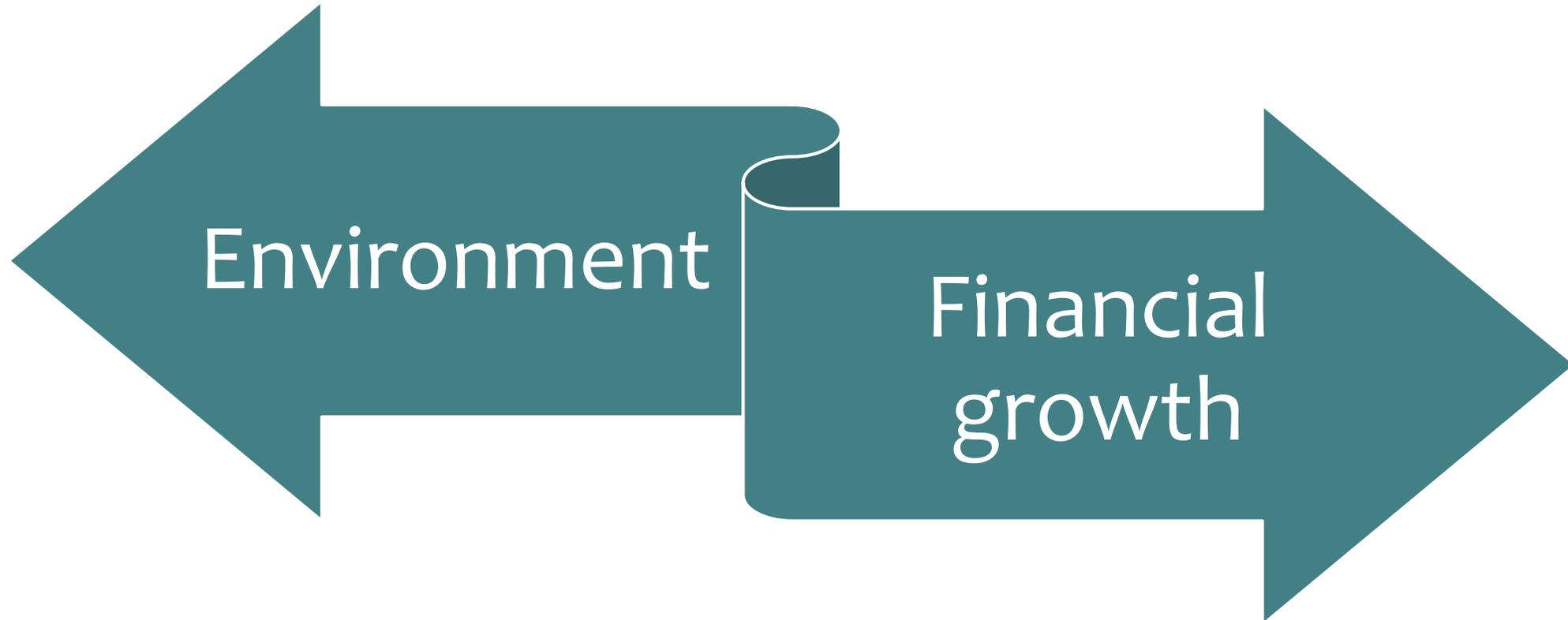
Engineering in the past...



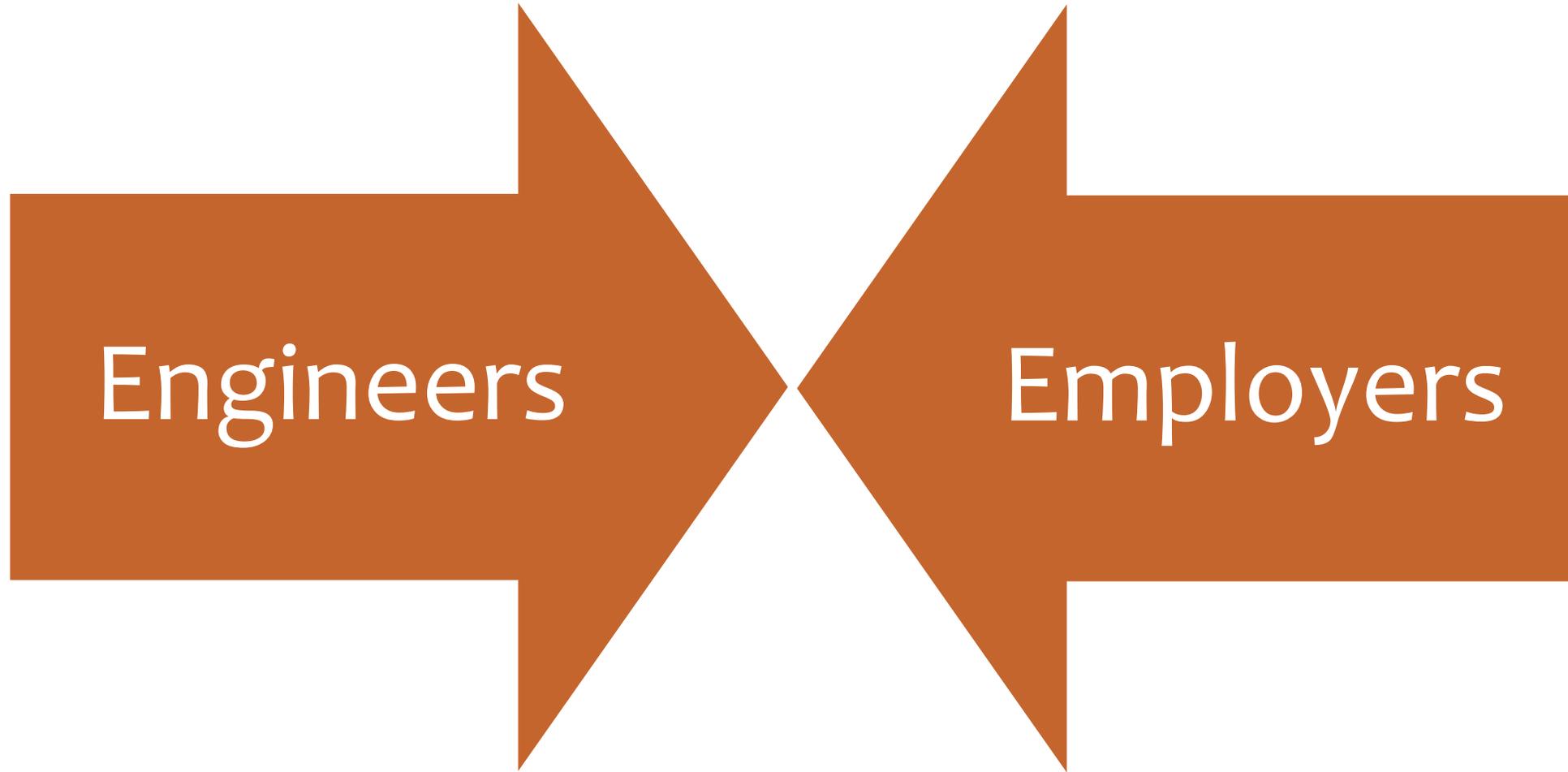
Engineering now...



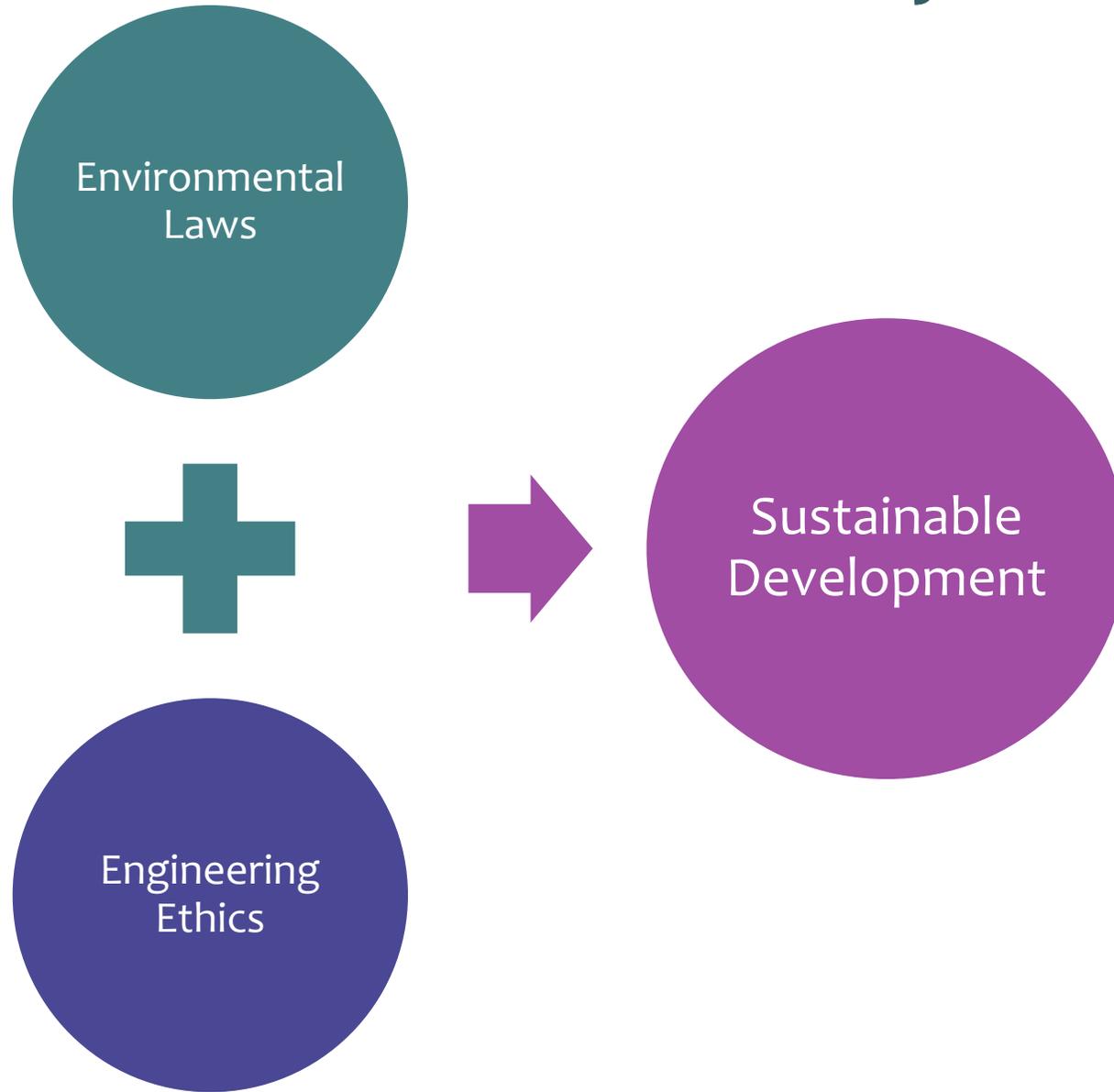
Ethical Dilemmas



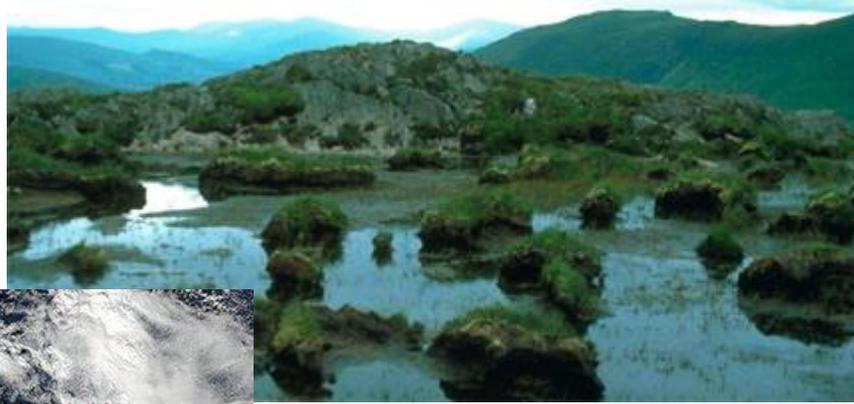
Conflict of Interest



Sustainability



Engineering for the Future....



“I don’t understand why when we destroy something created by man we call it vandalism, but when we destroy something created by nature we call it progress.”

-Ed Begley Jr.

