



VISION FOR FUTURE ENGINEERING EDUCATION

FIEN DE CLERCQ



WHO AM I ?

 FACULTY OF ENGINEERING
AND ARCHITECTURE





MY PERSONAL VISION

DEFINE, KNOW & CONNECT YOUR STAKEHOLDERS
WITH THE RIGHT CONSCIOUSNESS & MENTALITY
IN AN EDUCATIONAL ENVIRONMENT

FIEN DE CLERCQ





DEFINE YOUR STAKEHOLDERS

- EMPLOYERS – TARGET MARKET
- SUPPLIERS - UNIVERSITY
- CONSUMERS - STUDENTS
 - 1ST BACHELOR AT 18Y
 - WORKING STUDENTS
 - INTERNATIONALS
 - LINKING STUDENTS

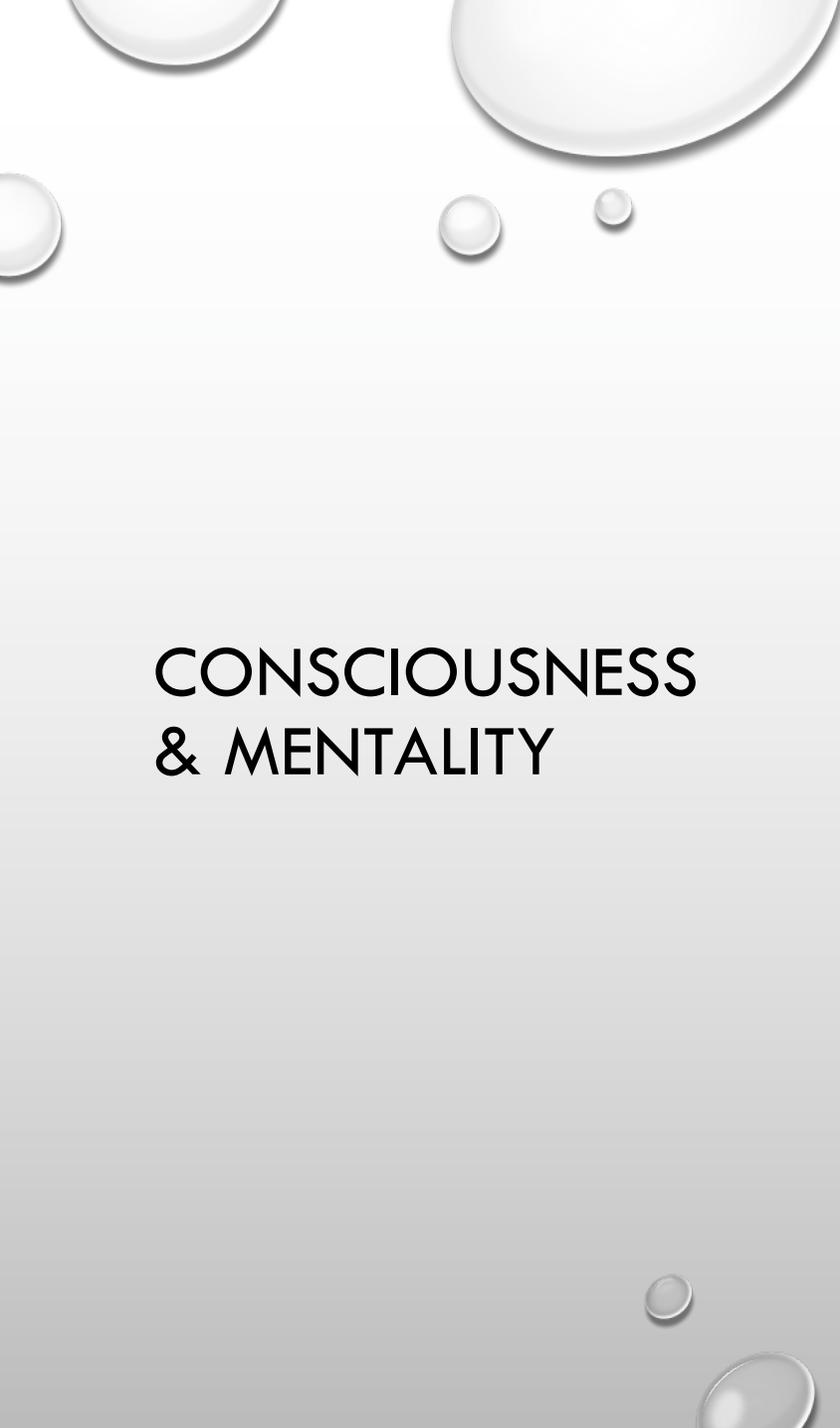
KNOW YOUR STAKEHOLDERS

- SURVEY TO MONITOR SUPPLY AND DEMAND
 - FRIS: SUSTAINABILITY INTEGRATION IN ENGINEERING EDUCATION
 - SUPPLY: KNOWLEDGE PRESENT/LACKING
 - DEMAND: INDUSTRY PROFILES & COMPETENCES (DEMAND)
- ALIGN COMPETITIVE STRATEGY WITH OPERATIONAL STRATEGY
- ENCOURAGE PARTICIPATION OF ALL STAKEHOLDERS
 - STUDENT COUNCILS
 - ENGINEERING ASSOCIATIONS
 - EDUCATIONAL & INDUSTRY LED ADVISORY COMMITTEES



CONNECT YOUR STAKEHOLDERS

- ACKNOWLEDGE INTERNSHIPS AS EDUCATIONAL ADDED VALUE
- ORGANIZE HIGH QUALITY GUEST LECTURES
- CREATE ENGINEERING PROJECTS WITH REAL LIFE CASES
- JOB COACHING FOR MAIN ENGINEERING PROFILES TO AVOID MISMATCHES
- LIFE LONG LEARNING BASED ON CHOSEN CAREER PATH



CONSCIOUSNESS & MENTALITY

- SUSTAINABILITY
- HEALTH, SAFETY, ENVIRONMENT
- PEOPLE, PLANET, PROFIT
- NON TECHNICAL PROJECT MANAGEMENT
- CREATE AWARENESS ABOUT LEARNING TRACKS



EDUCATIONAL ENVIRONMENT

- CAMPUS AS A HOME FOR ENGINEERING STUDENTS
- GIVING THE RIGHT EXAMPLE
- PARTICIPATION
- CREATE SPACE AND TIME FOR EDUCATION
 - ELECTIVE COURSES (MAJORS, CUSTOMIZABLE MASTERS)
 - 2 YEAR MASTER PROGRAM
 - INCLUDE ALL COMPETENCE FIELDS



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