



**"ROLE OF INTERDISCIPLINARY
APPROACHES IN INTEGRATING YOUTH
FOR ONE HEALTH THROUGH STEM
INNOVATIONS"**

***OPTIMIZING HEALTH AND ECOSYSTEM-
RELATED ISSUES***

MOHAMMAD FARHAN BIN RUSLI

MD, MPH, OHD, DRPH, AM

PUBLIC HEALTH MEDICINE SPECIALIST

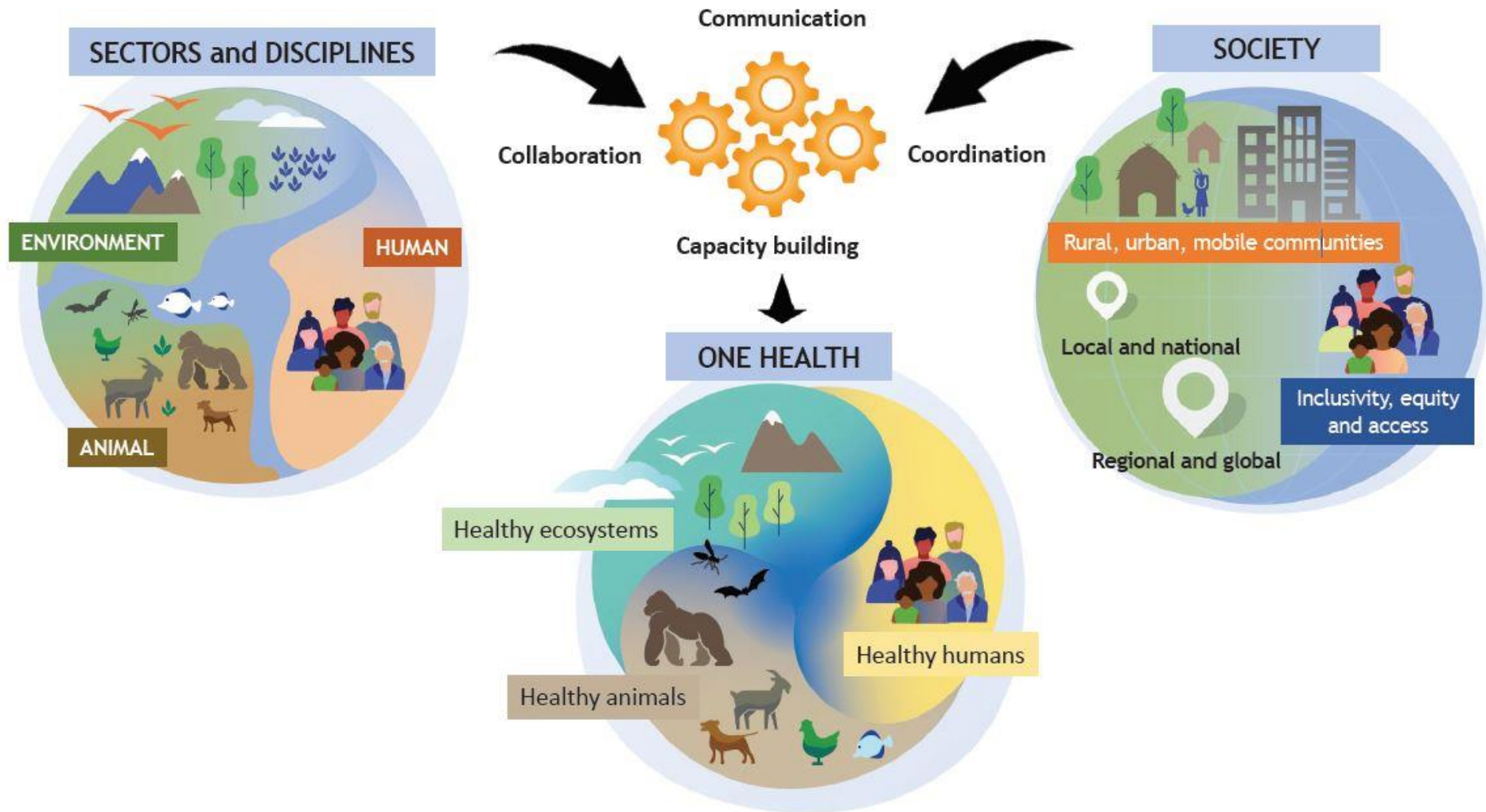
DEPUTY COORDINATOR MYOHUN



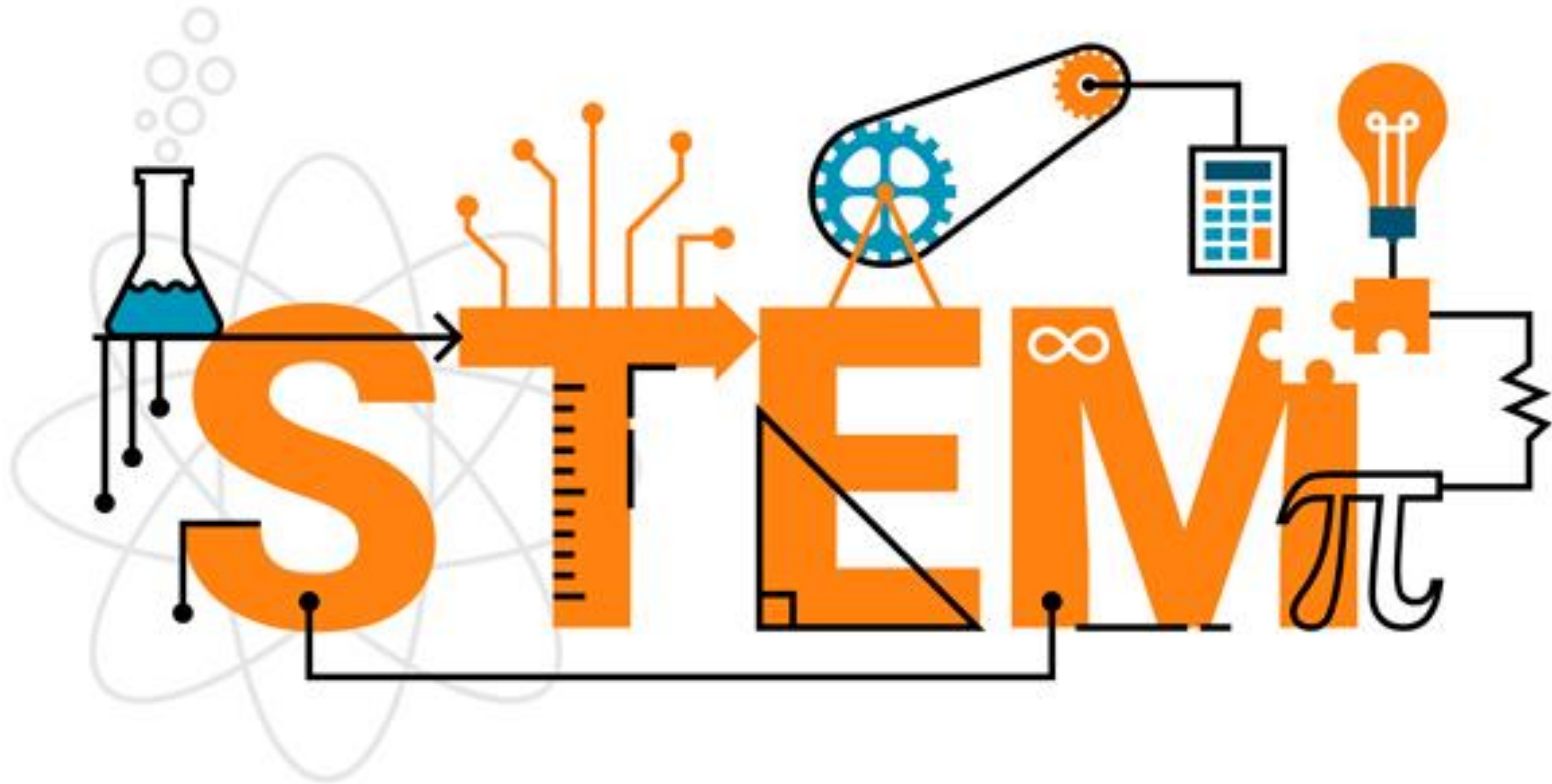
INTRODUCTION

- ONE HEALTH
 - **HOLISTIC APPROACH TO WELL-BEING**
 - **BREAKING SILOS IN HEALTH SCIENCES**
 - **PREVENTING AND MITIGATING DISEASE OUTBREAKS**
- IMPORTANCE OF INTERDISCIPLINARY APPROACHES
 - **COMPREHENSIVE PROBLEM SOLVING**
 - **INNOVATIVE SOLUTIONS TO COMPLEX CHALLENGES**
 - **ADDRESSING REAL-WORLD COMPLEXITY**

WHAT IS ONE HEALTH?



STEM INNOVATIONS IN ONE HEALTH



TELEMEDICINE AND REMOTE MONITORING



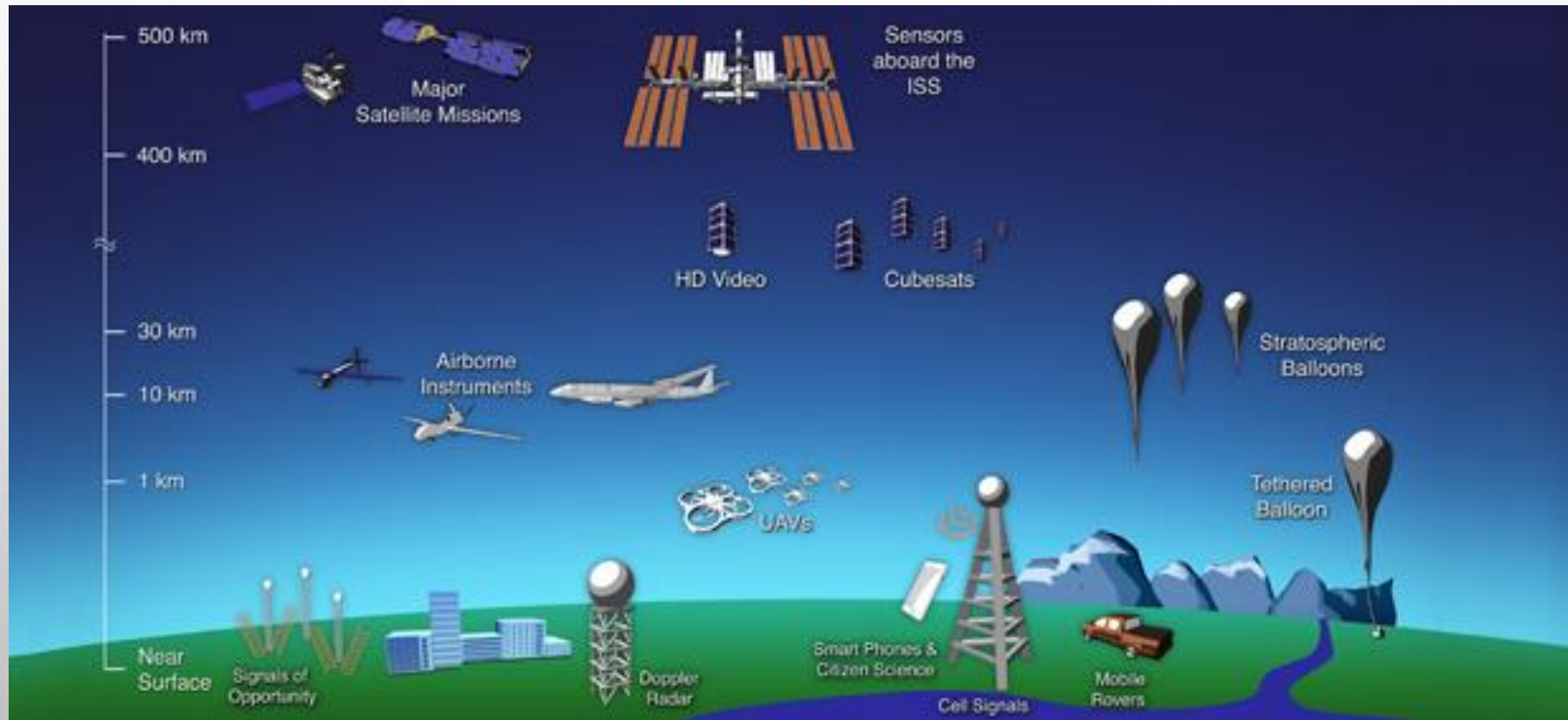
GENOMIC MEDICINE



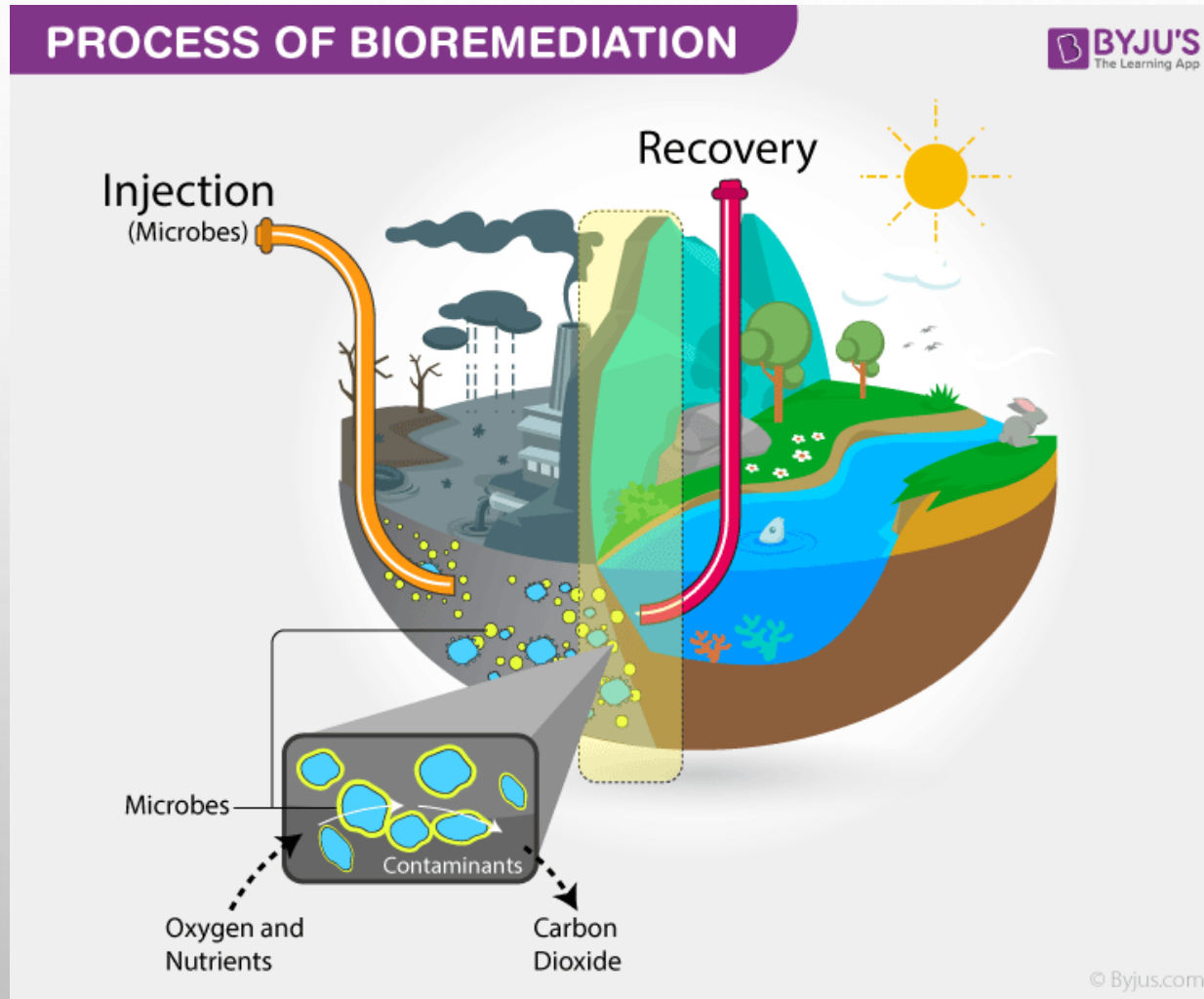
ROBOT-ASSISTED SURGERY



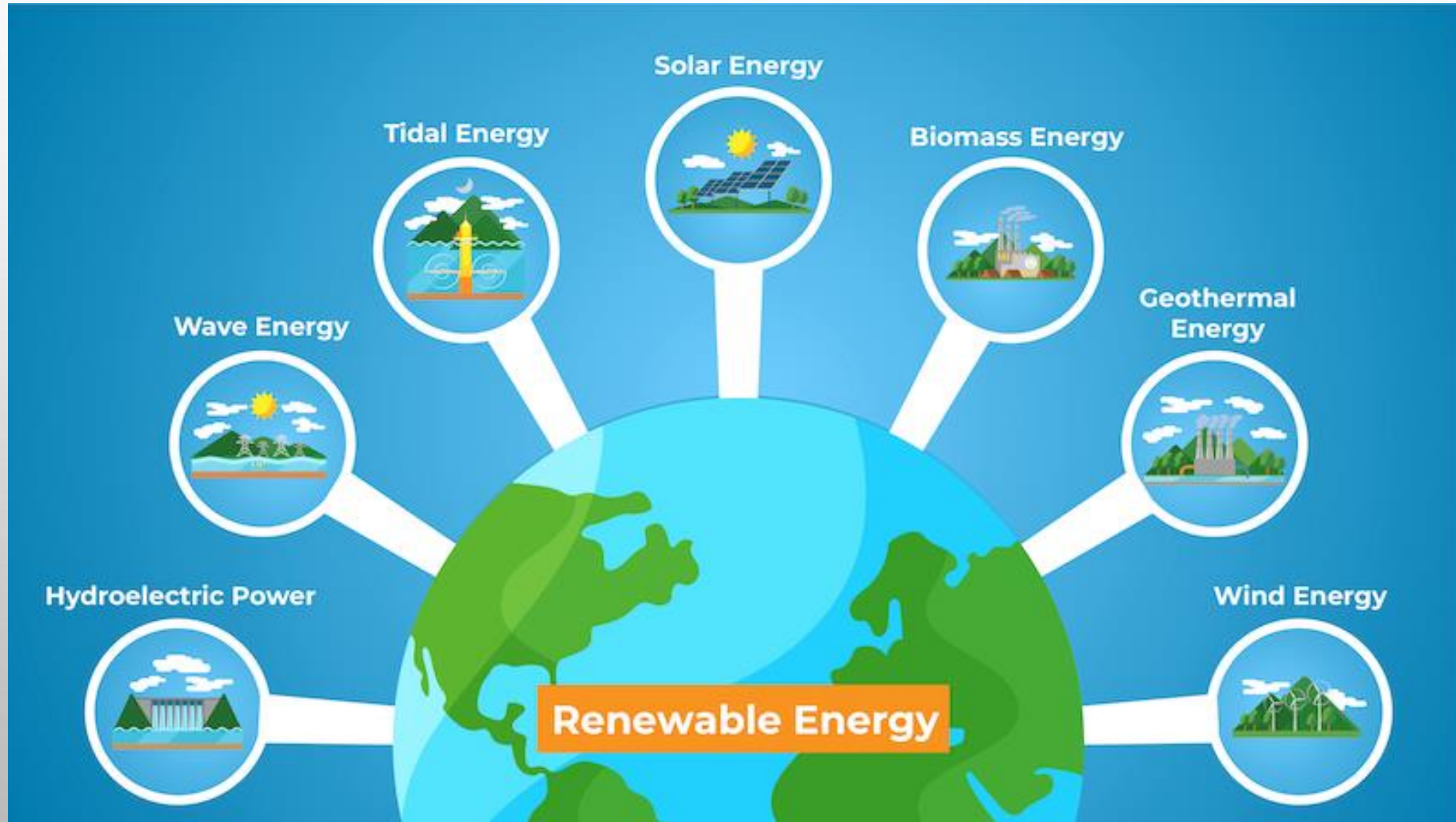
REMOTE SENSING TECHNOLOGIES



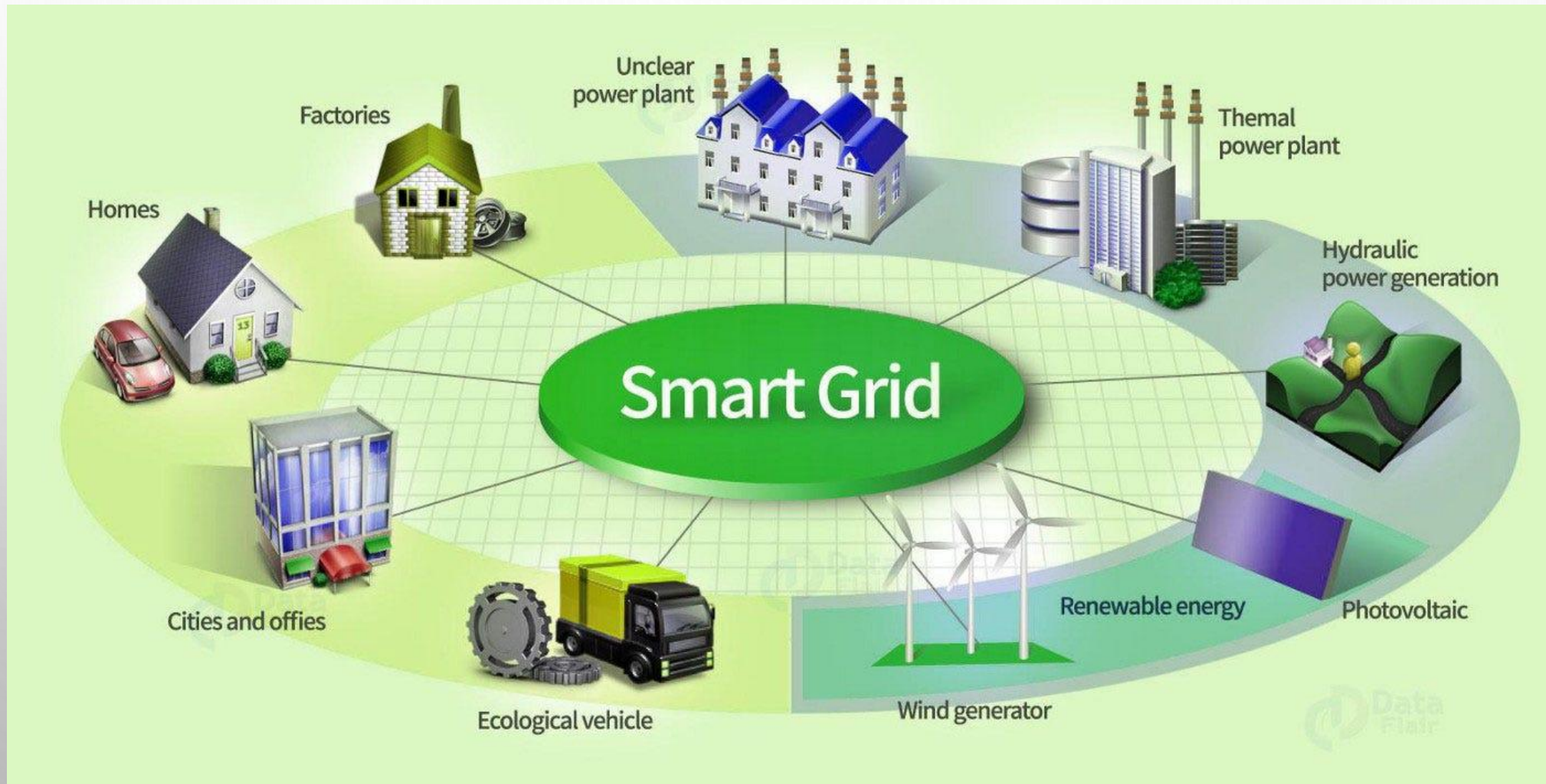
BIOREMEDIATION TECHNIQUES



RENEWABLE ENERGY TECHNOLOGIES



SMART GRID SYSTEMS



INTERDISCIPLINARY APPROACHES



FUTURE OUTLOOK



THANK YOU