Why the institutions chose to develop a TNE degree programmes and their future aspiration
School of Biological Sciences, The University of Manchester, UK
Why we chose to do this at the first place

- **Internationalization**
  - Produce graduate that feed the *world market* not only domestic.

- **Promote University Ranking**
  - KKU is ranked 800+ in the world vs U of Man is ranked 34th.

- **Research grant**
  - Newton Fund, MRC, Wellcome Trust

- **Attract more students**
  - Internationalization will bring more students to the program

- **Capacity building**
  - Both *students* and *faculty staffs*
What we (Thai partner) have?

- Specimens and biodiversity
- Field works
- Community and outreach programme
What they (UK partner) have?

- Well recognition
- Curriculum
- Cutting edge technologies
- 21st century skills

Rank 34th in the world

Variety of curriculum

Cutting edge technologies
Medical Microbiology Program: 2-4 years

Students need to have 21\textsuperscript{st} century skills

- Multinationality
- Communication
- Interactive learning
- Innovation driving
- Big data analysis and Bioinformatics
  - -Omic
Our TNE program

- Research collaboration PhD program
- Dual PhD program

1st year: online study with UK partner
2nd year: QE exam
3rd year: Research in UK partner lab
4th year: Thesis defend and award degree

Royal Golden Jubilee PhD & KKU research grant students
Our TNE program in the future

Graduate program:
produce skilled professional graduates

Staff:
Qualified staff with creative and active teaching

Research and innovation:
Innovation and new technology

Medical hub (Thailand4.0)
Academic medical center
Research Excellence Center and Biomed and Healthtech

Startup company
Teaching center
Patent/license
Obstacles and problems encountered

• **Sustainability**
  • How long this dual degree can last?

• **Expensive tuition fee**
  • For example annual fee for U of Man = 27,000 £/year = 1,100,000 Bath/year

• **Student and staff competency**
  • English competency, for example to study PhD in U of Man, students need to pass IELTS of 6.5.

• **Find the right partner**
  • You need to find the right partner that fight for this to happen.
Thank you