



III GLOBAL SYMPOSIUM UNISERVITATE

SERVICE-LEARNING AND GLOBAL COMPACT ON EDUCATION:
EDUCATING FOR FRATERNITY IN HIGHER EDUCATION

27TH-28TH OCTOBER 2022
UNIVERSITÀ LUMSA - ROME (ITALY)

ORGANISED BY



LUMSA
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IngénieursSud

Study, design and installation of
street lighting and a nursery
in Dwale, Democratic Republic of Congo

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- 200 students each year
- 4 Belgian students from the Sector of Sciences and Technologies work during one full academic year with 4 local students in Global South.
- To figure out an **appropriate and sustainable** solution to a **technical issue**. That technical problem is identified and defined by associations, cooperatives, NGOs,... which are in direct contact with the **local population**.



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- Students (8) in group work all together from October until June via emails, Skype, WhatsApp, etc.
- They are supervised by scientists and experts of Northern and Southern institutions.
- Then, they all meet in the field to implement the technical solution during one month in Summer.
- Goals



- Pedagogical framework
- Reflective practice: portfolio, dissertation, podcast, transdisciplinary panel, meetings, questionnaires before/after, diary logbook...
- Mobilize the knowledge of Global South



What was the problem?

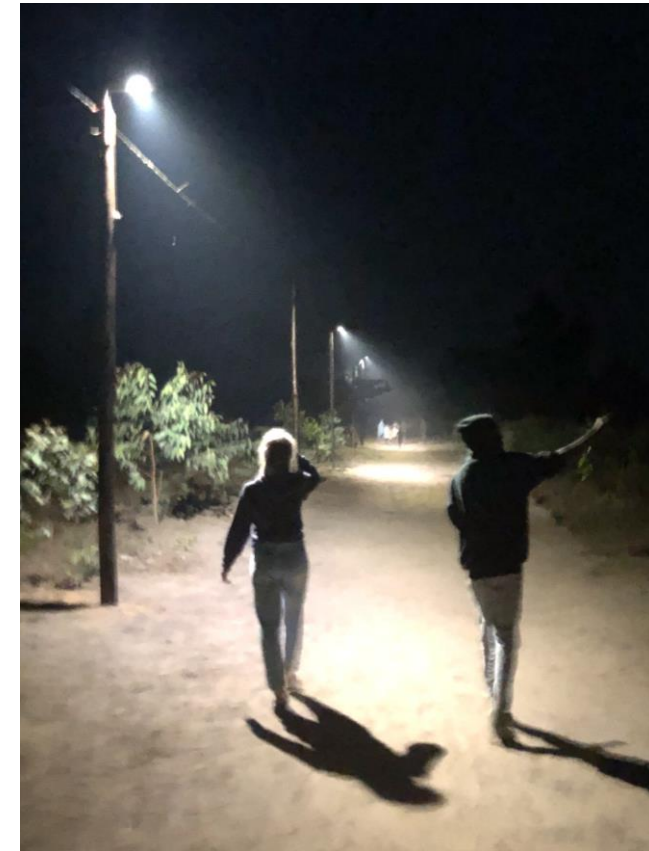
The community of the village named Dwale, on the Bateke plateau, in DRC was facing two major issues:

- Aggression along the road at night
- Deforestation of the region



What did the service consist of?

The installation of public lighting in order to ensure the safety, the study of the students as well as the organization of celebrations





What did the service consist of?

A nursery to supply a wide variety of trees





What was the relationship with the organization or community like?

- Technical issues defined by the community
- Congolese and Belgian students interact with the community to co-build appropriable solutions and to implement them
- One outcome of the project: concrete job opportunities for the most vulnerable members of the rural population



What did you learn from the experience?

- The techniques are **not neutral** and they are only one aspect of any complex problematic
- A **holistic approach** must be adopted to design appropriate, appropriable and sustainable solutions
- A **balanced partnership** between all the stakeholders is crucial and is not obvious