

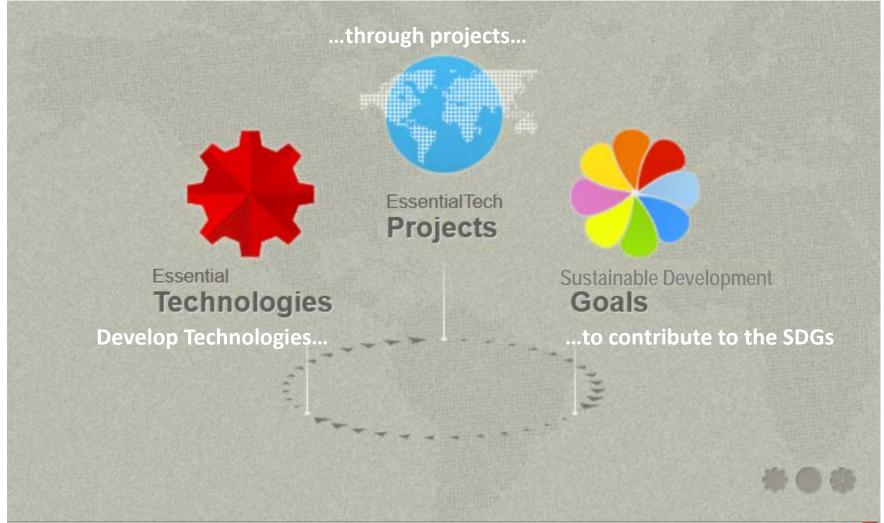
### A program of the Cooperation & Developpement Center

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**Cooperation and Development Center, EPFL** 

### Program

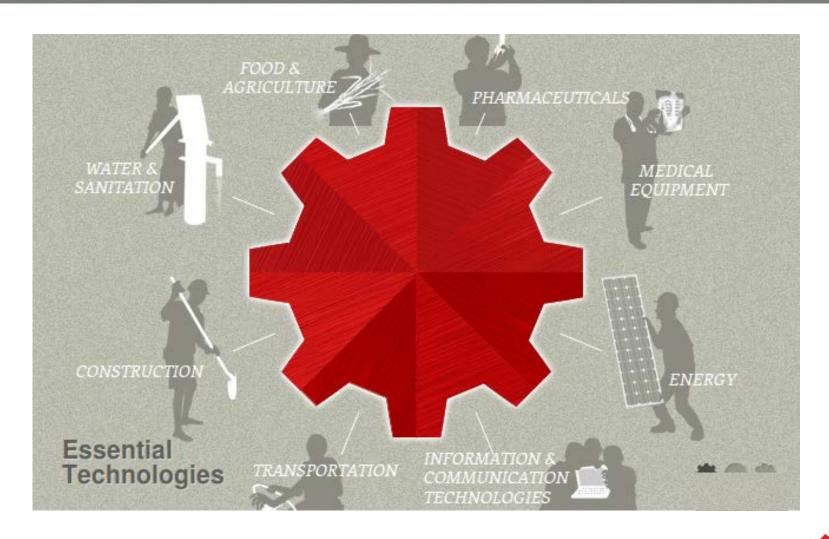








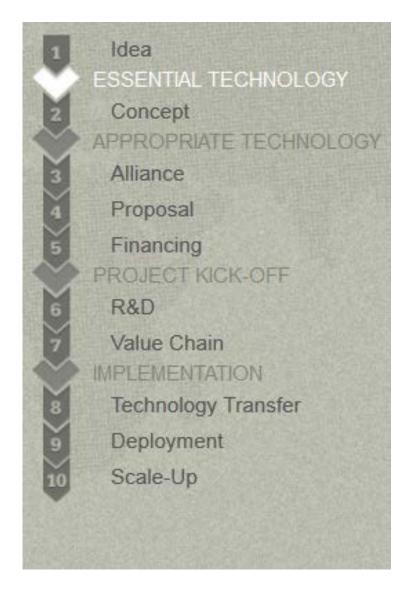
### **Essential Technologies**







## Methodology/Philosophy



✓ Context

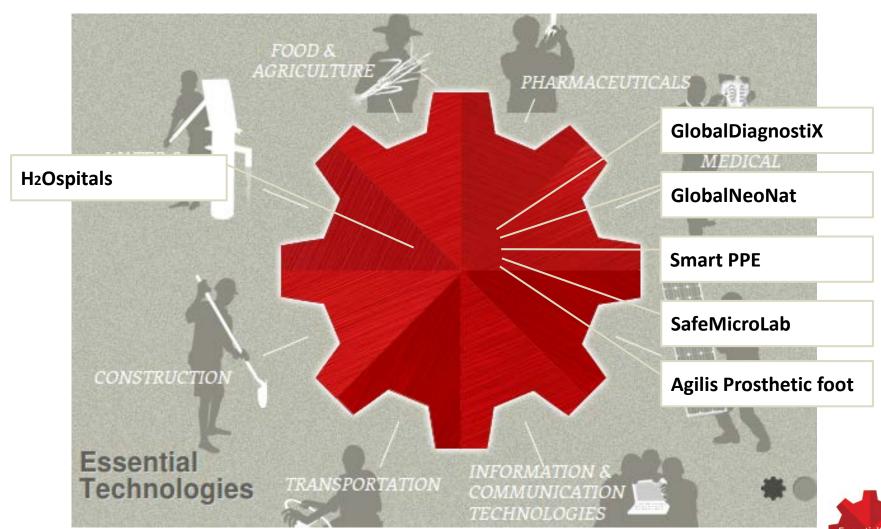
√ Stakeholders

- ✓ Technological Feasibility
- ✓ Business Model
- ✓ Start-up / Existing Company
- ✓ Impact





# **Current Projects**





# **Diagnostic Imaging**



Wilhelm Konrad Röntgen (1845-1923)

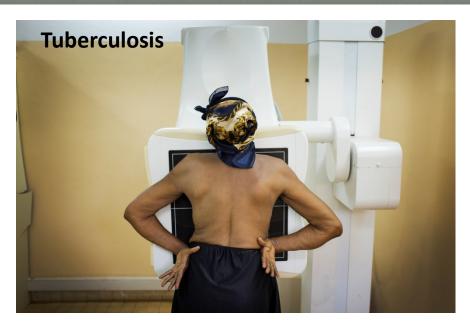


1895 2016

2/3 of humanity without access to radiology. [WHO]



# **Applications of Radiology**



- **Complications of Pneumonia**
- Dislocations, deformations
- **Foreign bodies**
- Resp. and cardiovascular
- **Tumors**







Issues in low income contexts



## Project GlobalDiagnostiX

**Goals:** 

Digital: State of the art/compliant to standards

Sustainable/robust : >10 years lifespan in context

Affordable, TCO (10y): reduced **10x** (vs existing)

Easy to use & safe : even for the incompletely trained

Connected: Teleradiology in low-bandwidth context

**Project started:** 2012

Alliance: 20 labs, 40 specialists in CH and Africa









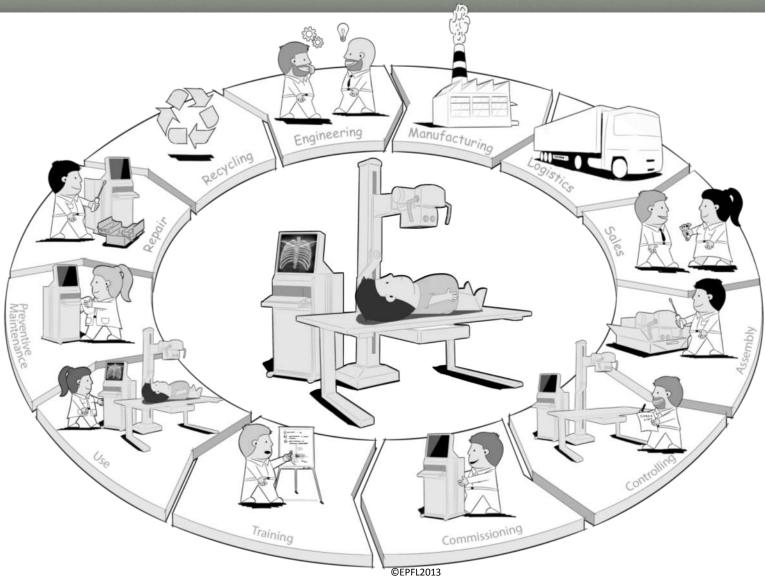








## **Value Chain**







### Results

### Techn. Feasibility and Business plan completed

- Digital/all-in-one system

