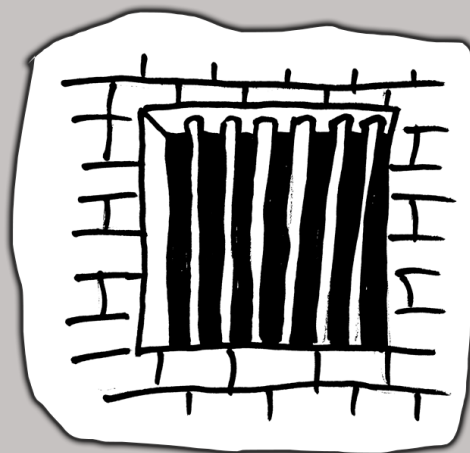


THE Port - Hackathon at CERN

Human Living in the Darkness



Summary:

Many prisoners, especially in some developing countries, are living in constant or excessive darkness. Technical (security, energy, maintenance) and behavioral (punishment, cost, theft) reasons are often given that detainees don't have access to light. Many technological solutions exist, but none of them comes with a sustainable model ensuring that decision makers have an interest to maintain it.

Goals:

The idea is to create a 'business-model' that ensures that the light source comes in a full system that generates a sustainable need of the prison decision makers to allow access of detainees to light. Only if all levels benefit and the solution is as cheap as possible, it becomes likely that light sources are not stolen, not removed as punishment or misused for other purposes.

Resources:

A big variety of low-tech and high-tech light generating systems.
System and process engineering.
ICRC uses this topic in their RedInnovation program



www.theport.ch