



Cardiff
Metropolitan
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Innovation

Types, Trends and Challenges



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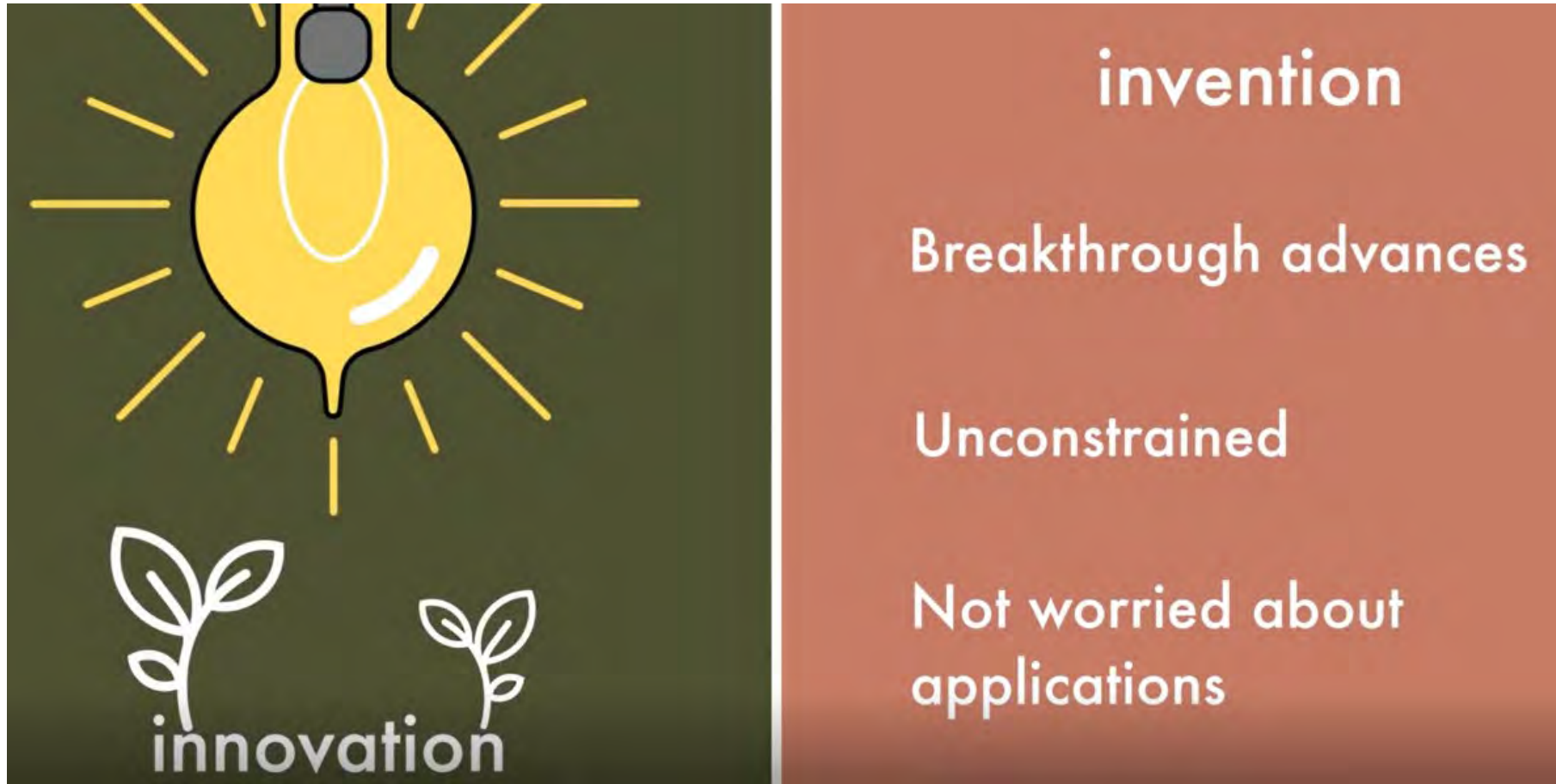
Session objectives

- To understand the meaning of innovation and how it differs from invention.
- To examine various types of innovations
- To understand innovation trends
- To identify challenges

Is your country innovative?

What is innovation?

Inventions Vs Innovations



Crazy for innovations?

- Can you suggest why an organization or a country needs innovation?

The biggest challenge



Innovative management of COVID-19 vaccine delivery in Sri Lanka

Sri Lanka uses DHIS2 to track immunizations, monitor stocks, and produce verifiable vaccination certificates

Sri Lanka was the first country in the world to deploy DHIS2 for surveillance of COVID-19 in January 2020. Almost exactly a year later, this island nation was ready to begin vaccinating its population against the coronavirus pandemic. To help manage and monitor this effort, health authorities worked with HISP Sri Lanka and the WHO country office to design and configure a system for COVID-19 vaccine delivery using DHIS2. The system uses Tracker for an immunization registry based on individual-level data, aggregate data for vaccine stock management, and dashboards that combine data from both programs to facilitate better decision making.

Is innovation always high tech?

- No. Not necessarily.
- Common sense is a mandatory requirement.

Sorting is made easy!



Common sense in innovation



Saving water



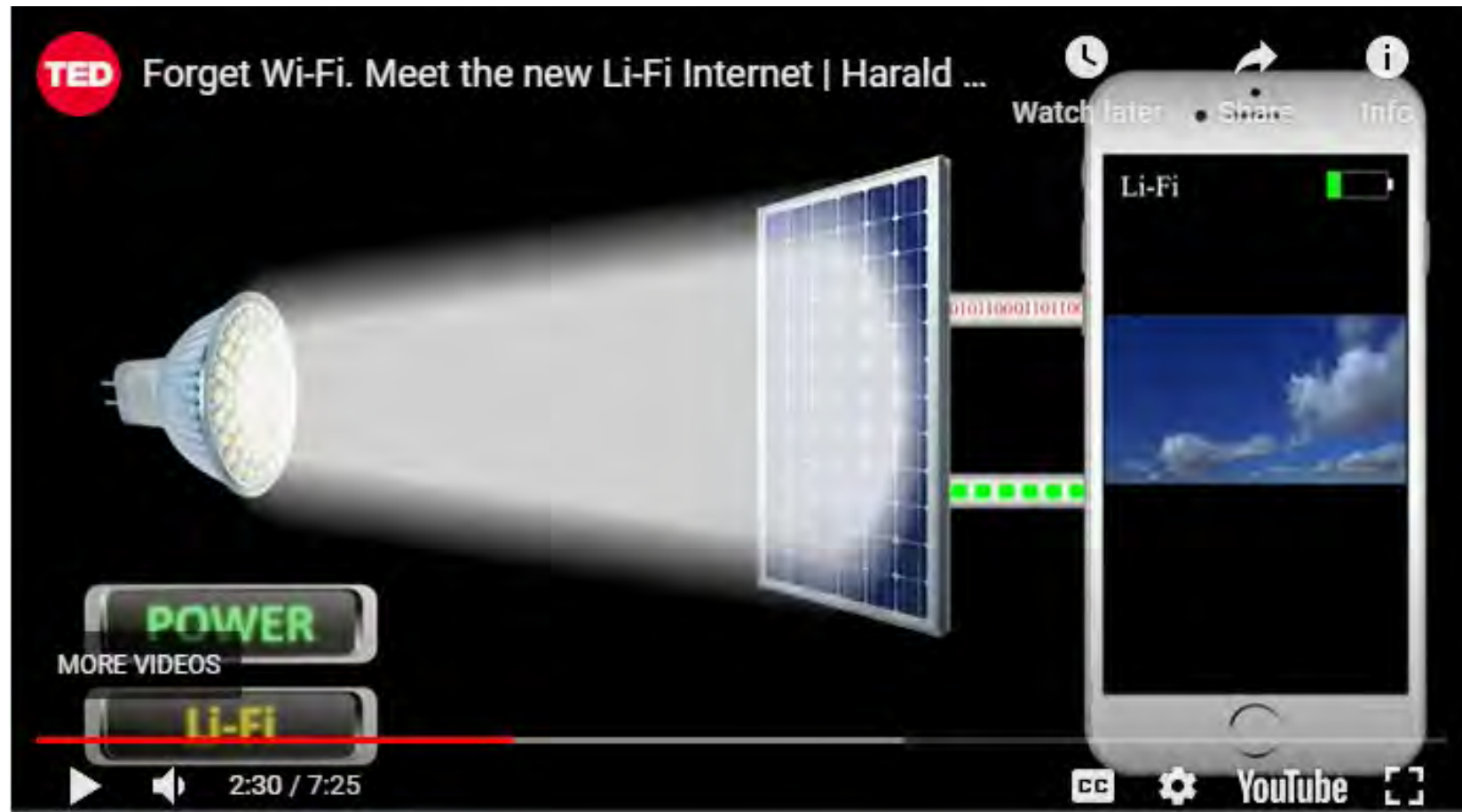
SL Airforce modifies helicopters



Concrete canvas



Li-Fi



Augmented Reality



Smartphone connected pacemaker



An efficient wheel chair



A refrigerator made out of clay!



The spin cycle



Light-as-a Service!



An electric car. Guess from whom?



What innovations do you see?

- Product innovations
- Process innovations
- Business model innovations

Activity

- Can you give one example for each of the following?
 1. A product innovation
 2. A process innovation
 3. A business model innovation

Innovation trends

- Social responsibility
- Business models
- Open innovation

Challenges

- Run faster to stay!
- Fail fast!
- Cost Vs Benefits
- Time to market