

Warp Speed Africa

Africa Research Institute

London October 20, 2014

jonathan.ledgard@epfl.ch

Director, Future Africa, EPFL





Share



Print

Afrotech

AFROTECH



Contact

AFROTECH - EPFL

QIE 0 108.7

CH-1015 Lausanne

afrotech@epfl.ch

AFROTECH PROJECTS

Afrotech is a future Africa initiative based at EPFL. Its objective is to help pioneer advanced technologies in Africa at massive scale.

[MOOCs](#)

[Digital identity](#)

[Big Data](#)

[Flying robots](#)

[Imagineering](#)

AFROTECH EVENTS

[AFROTECH lectures](#)



INSIDE THIS WEEK: TECHNOLOGY QUARTERLY

The Economist

DECEMBER 3RD-9TH 2011

Economist.com

Britain's coming recession

France tries to stay AAA

Why India needs Walmart

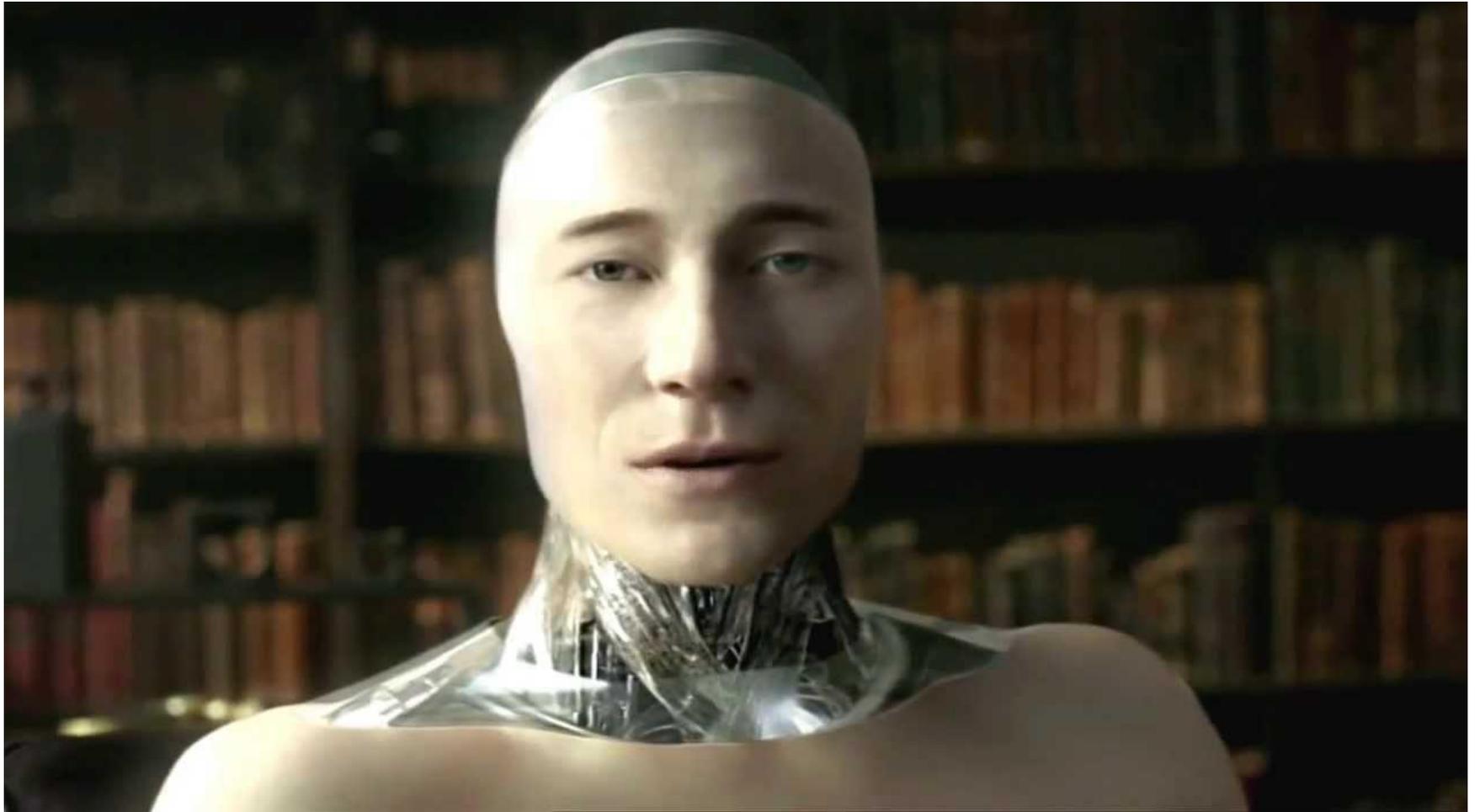
President Newt? Brace yourselves

The science of ethical foie gras

Africa rising



Species survival



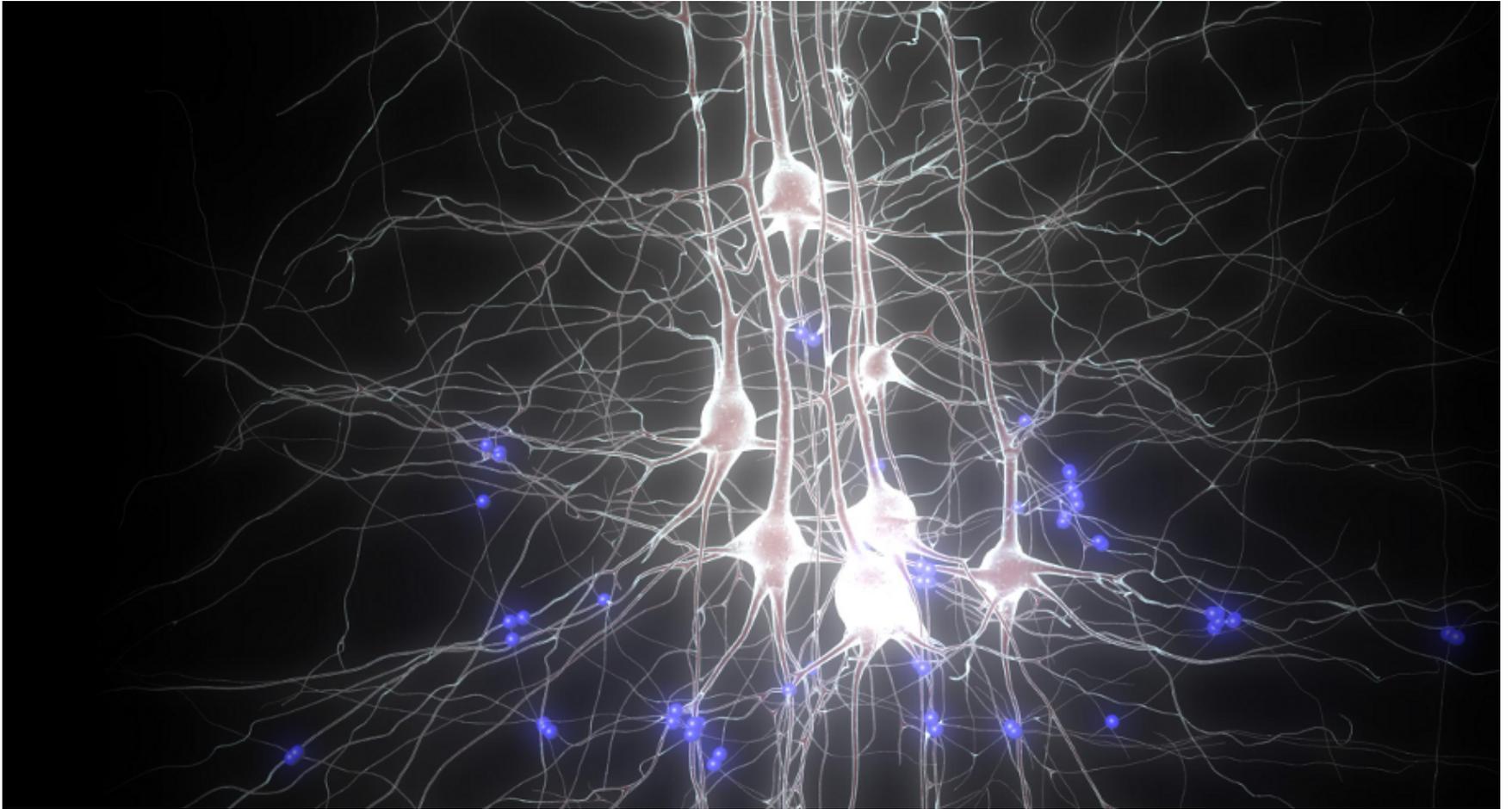
This is just the beginning



PIN 1145



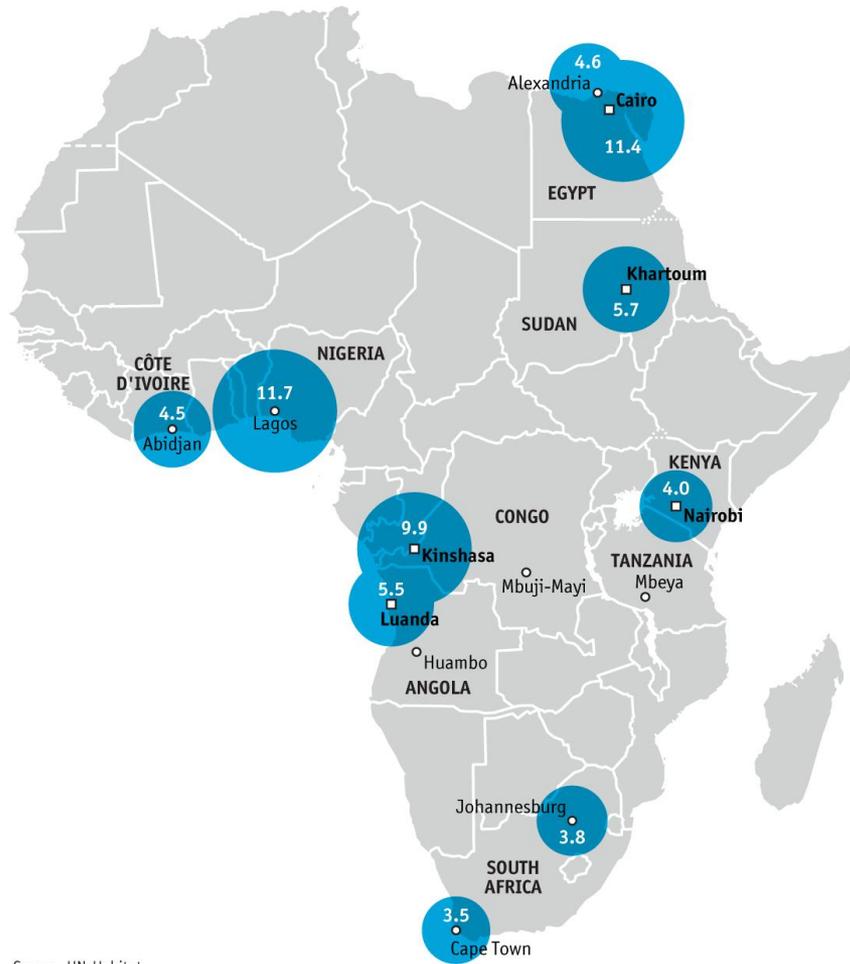
Connectivity





Going to town

Population of Africa's ten biggest cities, 2013 forecast, m



Source: UN-Habitat
Economist.com/graphicdetail

Cargo drones







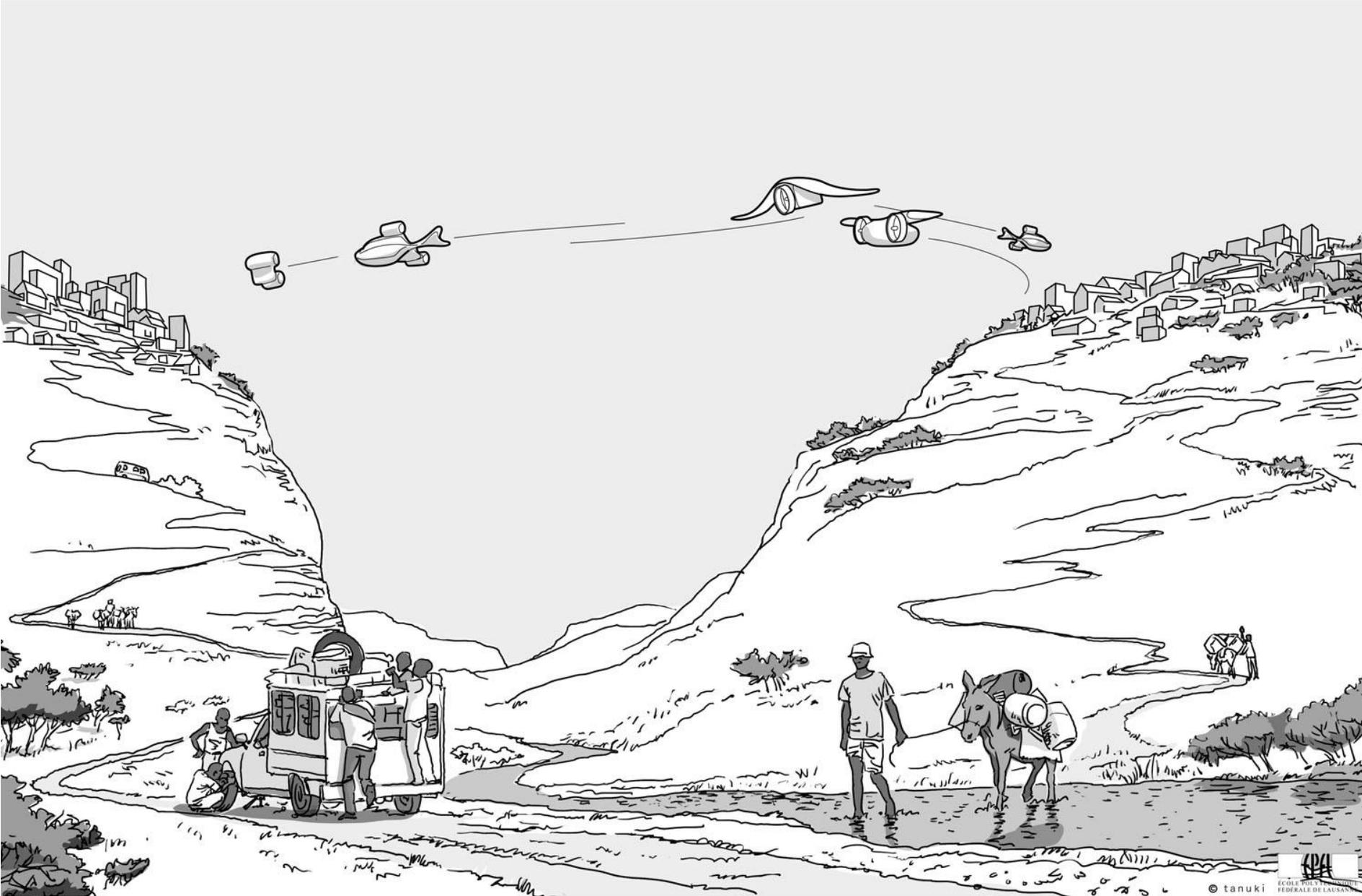
RedBlue

“Africa will be the first continent to develop unmanned air cargo at massive scale.”

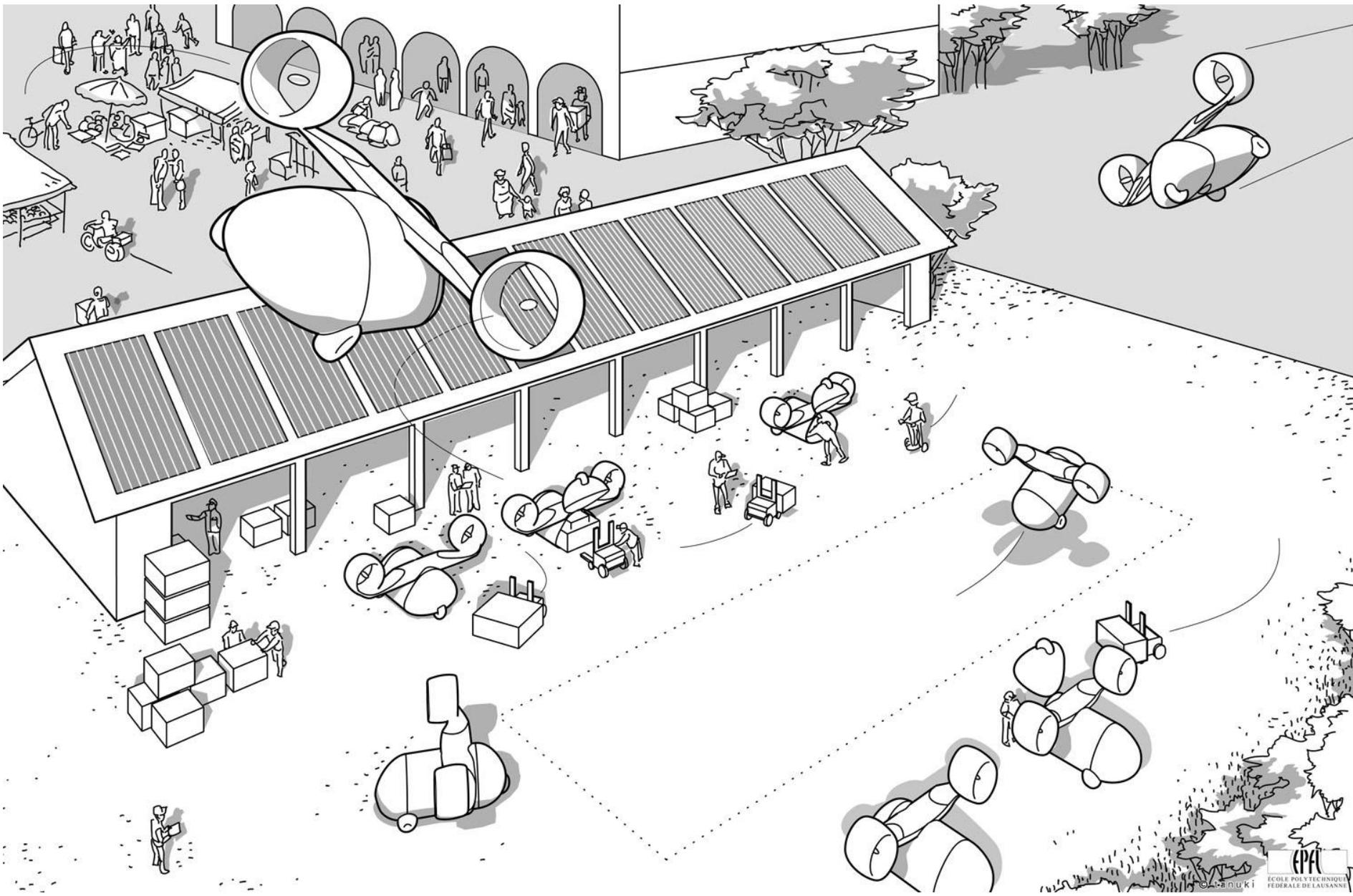
Identify and build the first cargo drone routes in Africa - and beyond

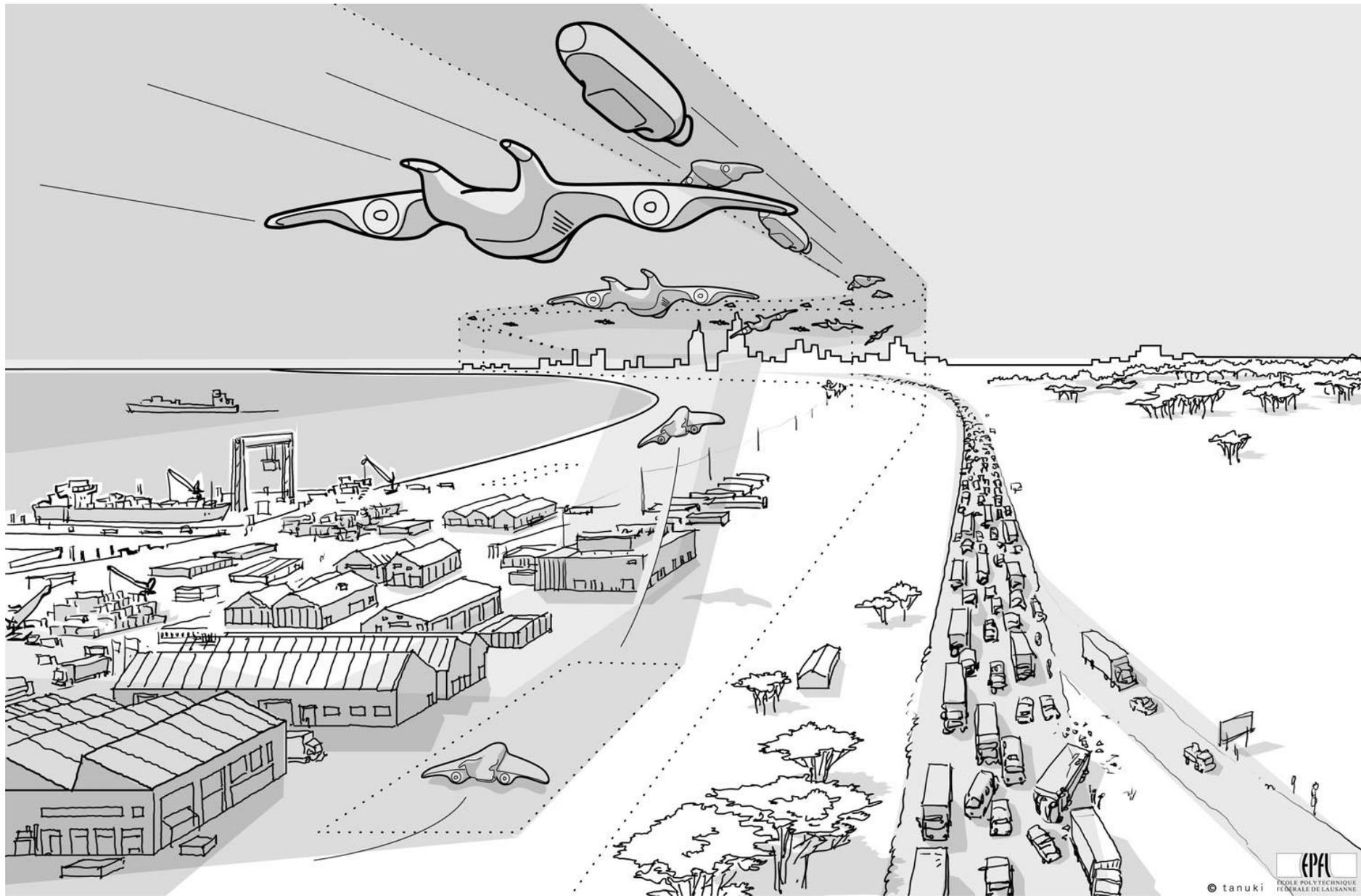
Red: “Red Line” in the sky for medical and emergencies

Blue: “Blue Express” for commerce









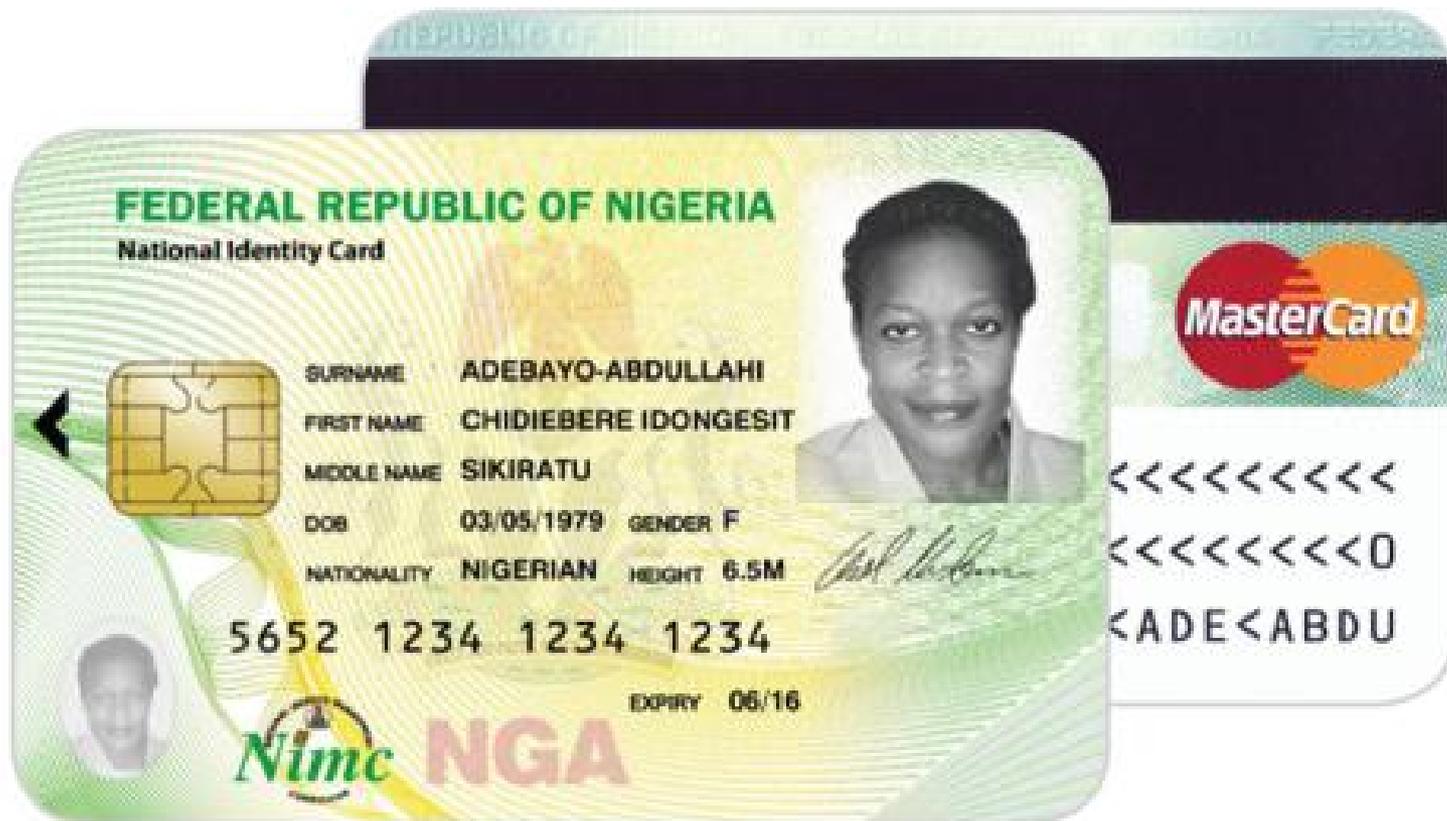
Mobiles







Who am I when I am online?





Digital identity

I am my own ID

I control my own data

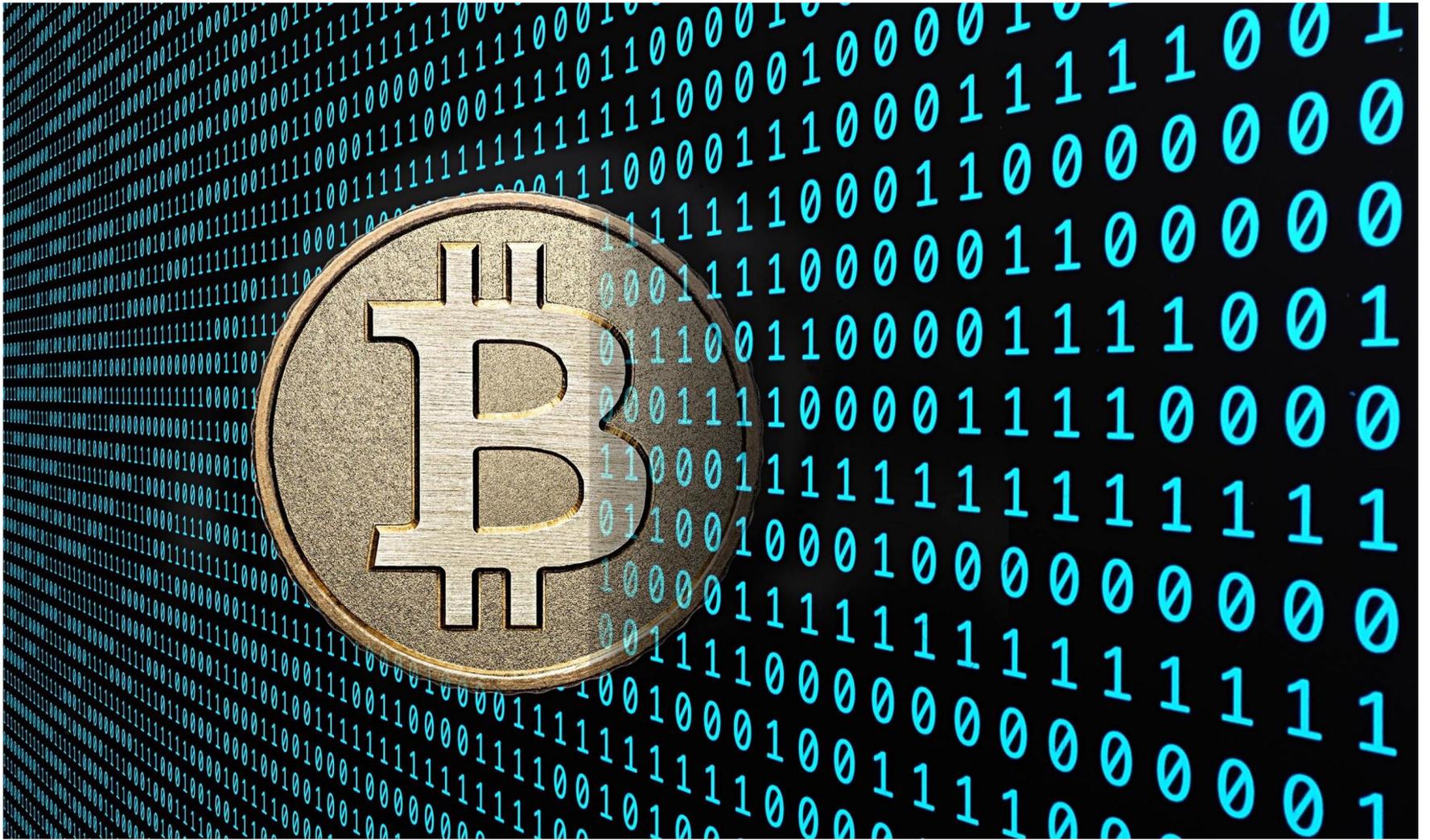
My core identity replaces traditional protocols

My personas sit off my core identity

Rule engines limit data mining and data

Data stores are encrypted and distributed





Leap 2035





