

Energy Solution For Business

Tolga Gümüşçü - Fatih Memiş - Ege Büyükestün - Arif Bağcı

Our Team



M. Fatih Memiş
EEE & CS



Tolga Gümüşçü
EEE & CS



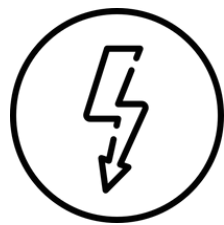
Ege Büyükestün
EEE



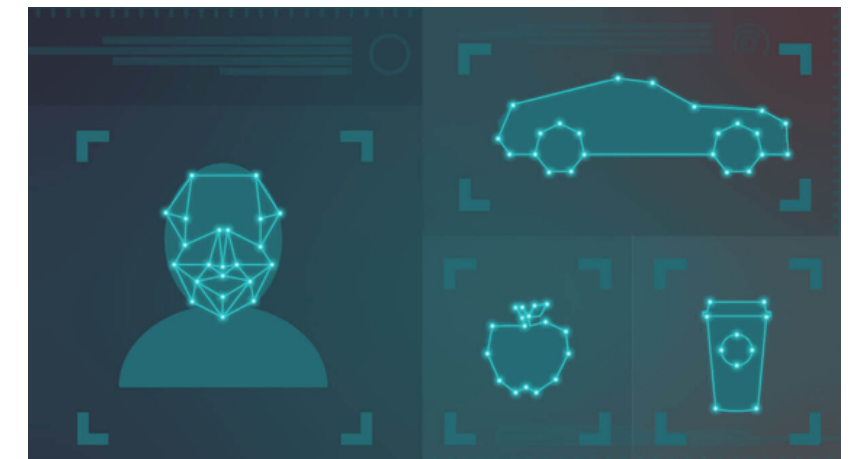
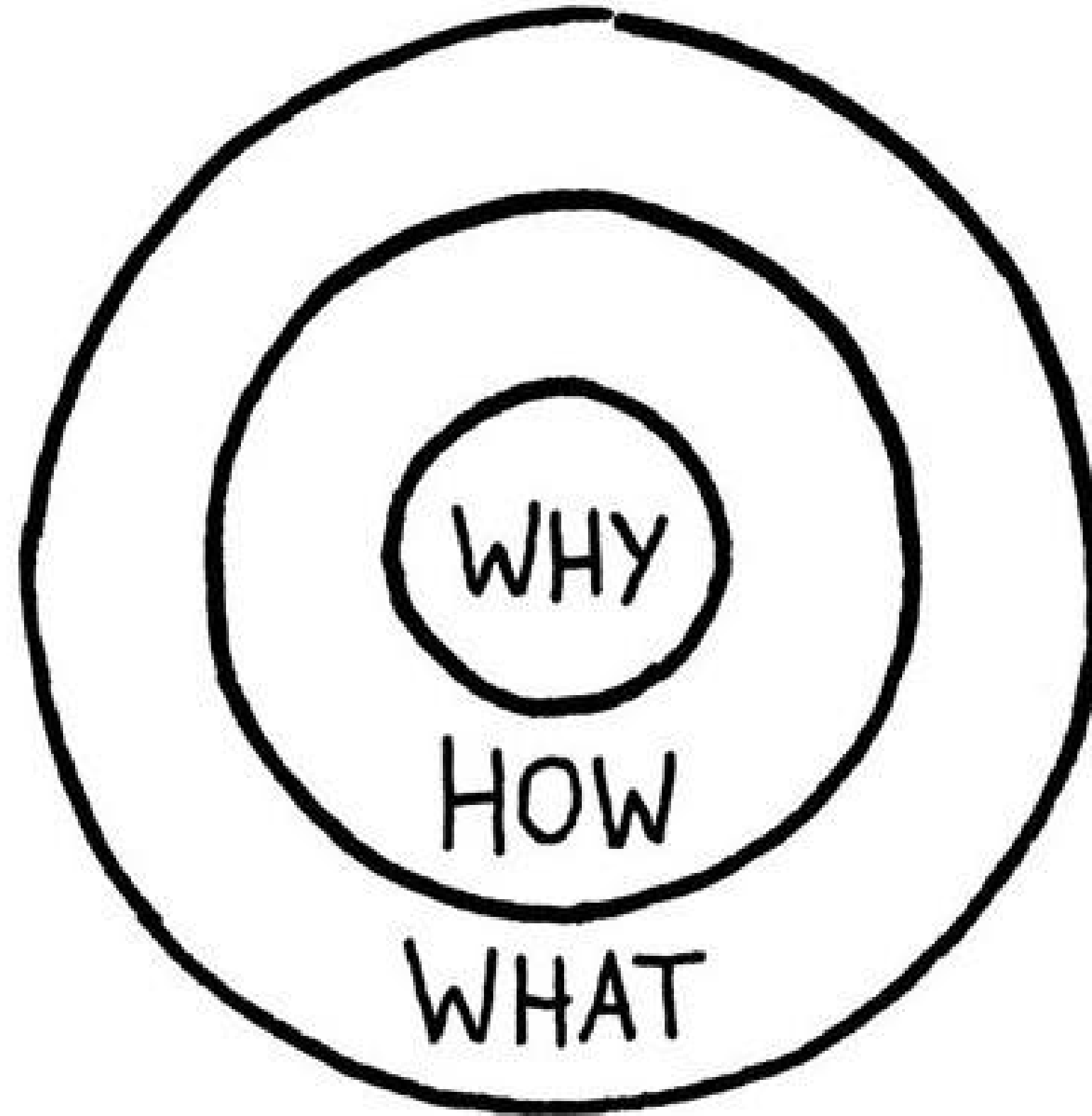
M. Arif Bağcı
CS & MATH

Agenda

ELECTROLOSS



- Problem
- Goal
- Solution
- Demo



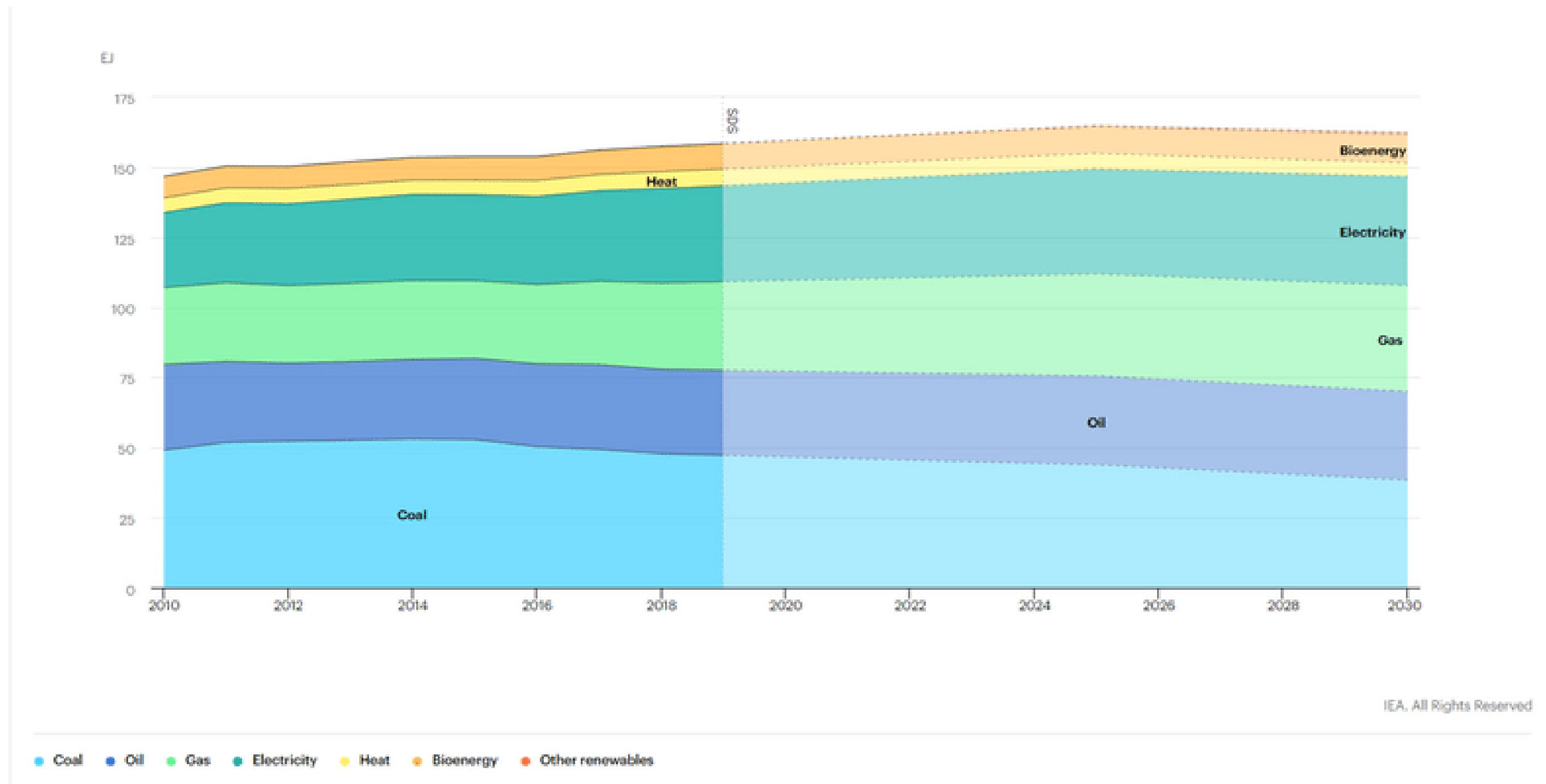
Problem

Lack of Energy Management

Energy Consumption



Energy Consumption and Fuel Shares Scenario



Our Goals



**Ensuring Access to
Sustainable and Modern
Energy**



Reducing Energy Cost



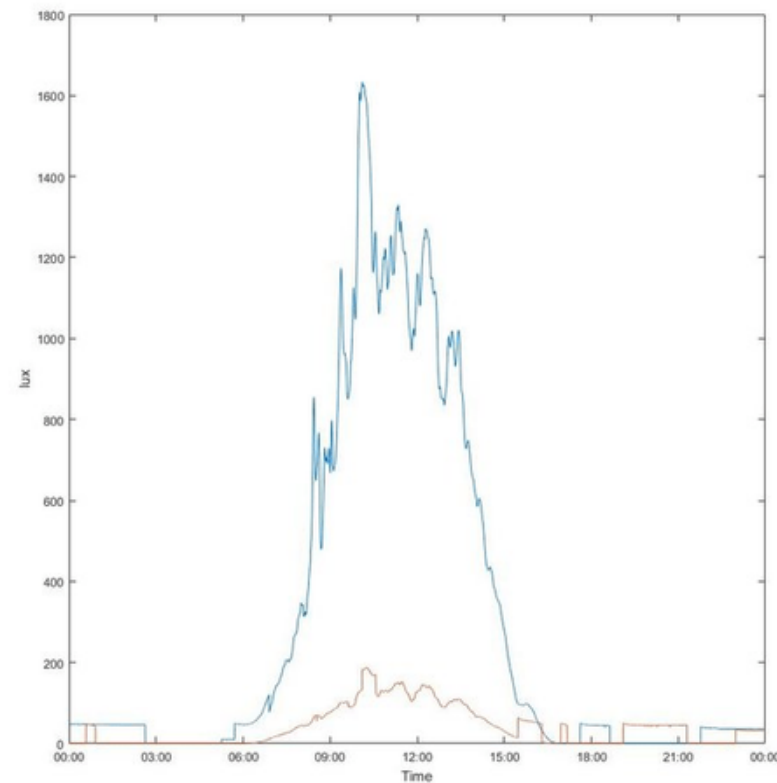
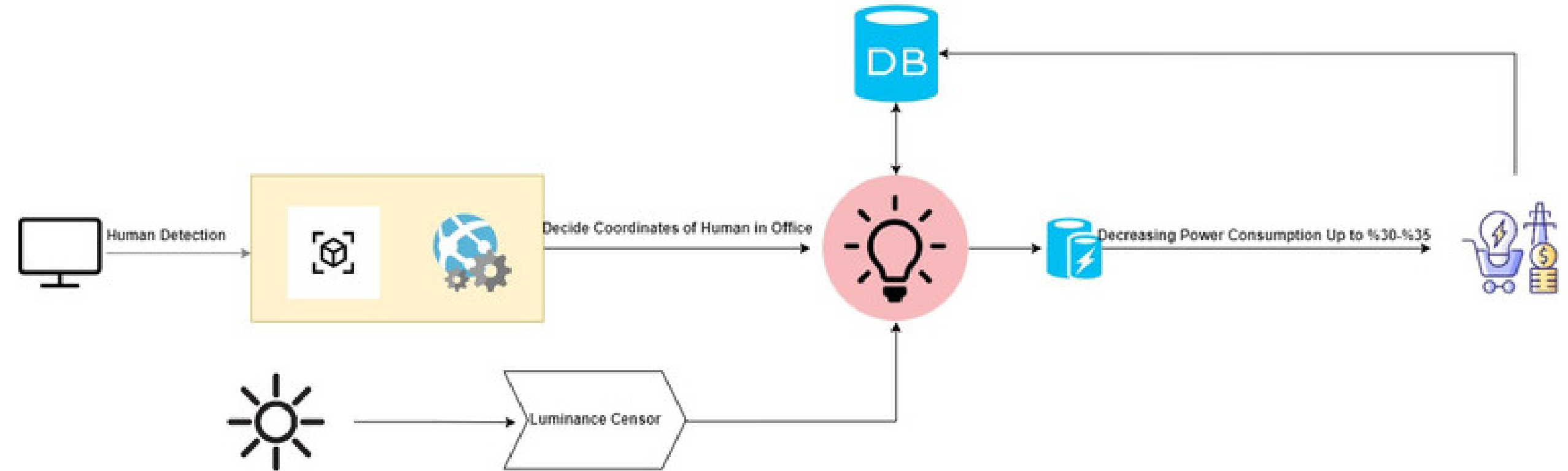
Increasing Energy Efficiency



Solution

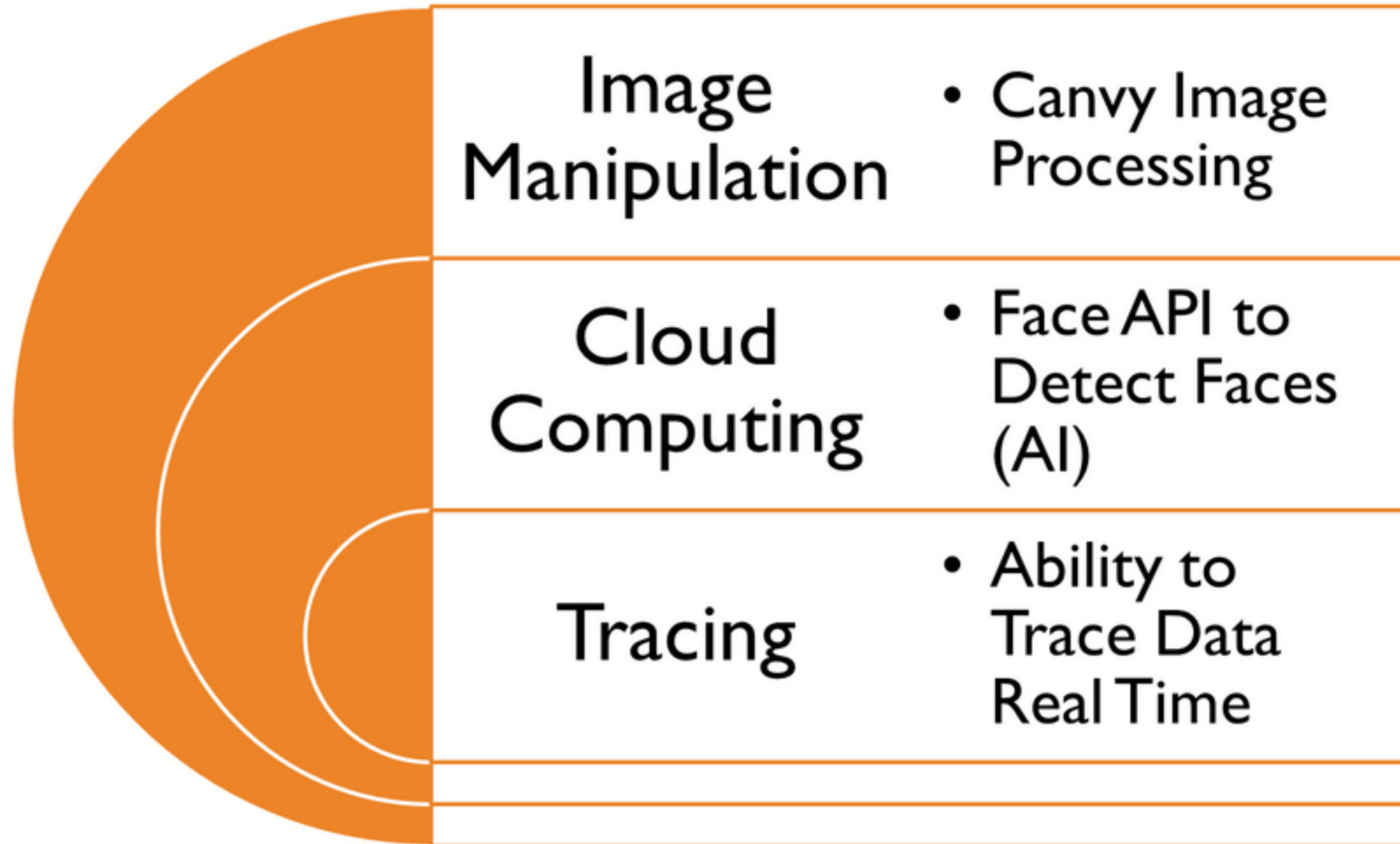


Human and Light Detection



Field Scanning –> Detecting Light Sources –> Analyzing Mobility –> Optimize Energy

Technical Capability



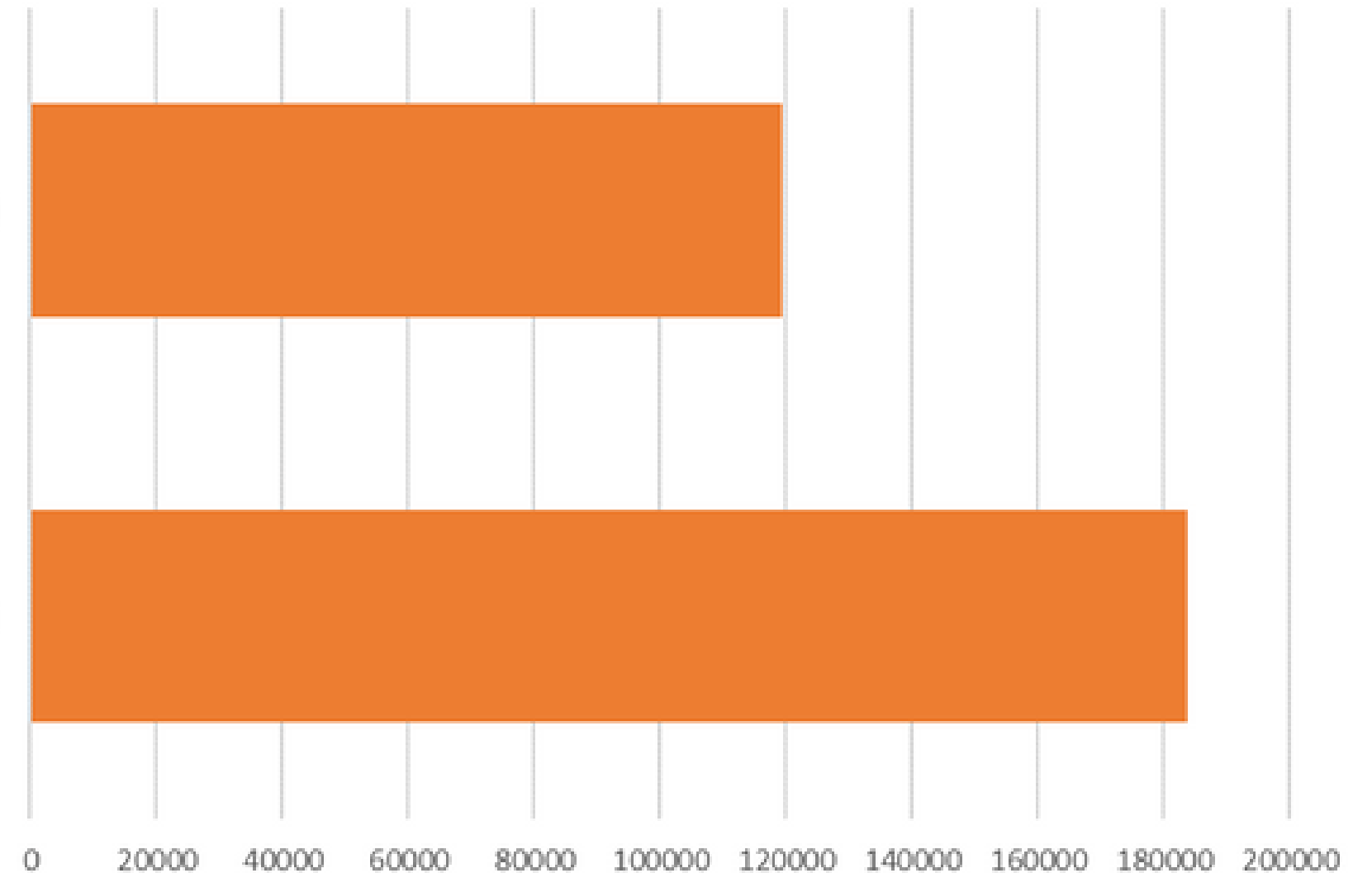
Efficiency Predictions

**Expected 30–35%
Efficiency**

Estimated Energy Efficiency

After ELECTROLOSS Consumption in a Year(MW)

Office Total Energy Consumption in a Year(MW)



A photograph of a group of people in a meeting room, overlaid with the text "Thank You". The image is in a warm, sepia-toned style. In the foreground, a person is seen from the back, sitting at a table. To their left, a man in a dark t-shirt is smiling. In the background, another man is visible, and to the right, a woman is looking towards the camera. The room has large windows and some equipment in the background.

Thank You