Ensure access to affordable, reliable, sustainable and modern energy for all
INTRODUCTION TO CODE
SDG GOAL 7 CURRICULUM

- Personalized Learning Platform
- Computer Science Intro Curriculum
- SDG Goal 7 Content
- Accredited Training – Teacher Empowerment
Computer Science Intro Curriculum
12 Lessons
One Hour Each

Energy Content
Energy production (Solar and Wind)
Energy conservation
Energy efficiency (Smart Grids)
Student Personalized Learning Platform

- Coding Videos
- Coding Sessions
- Coding Games
- Coding Energy Projects
Teachers Personalized Learning Platform

Accredited Training

Classroom Experience

Analytics
K6 Computer Science Curriculum

**Code Lesson 1**
What is a Computer
Energy Project
Assemble an electric circuit Part 1

**Code Lesson 2**
Computers around us
Energy Project
Assemble an electric circuit Part 2

**Code Lesson 3**
Design your robot
Energy Project
Fly a Helicopter with solar energy Part 1

**Code Lesson 4**
Build your robot
Energy Project
Fly a Helicopter with solar energy Part 2

**Code Lesson 5**
A world of robots
Energy Project
Rainwater reuse with the help of sensors Part 1

**Code Lesson 6**
Algorithms
Energy Project
Rainwater reuse with the help of sensors Part 2
K6 Computer Science Curriculum

Code Lesson 7
Driving with sequences
Energy Project
Flying car that regenerates the charge with sunlight Part 1

Code Lesson 8
Driving with conditions
Energy Project
Flying car that regenerates the charge with sunlight Part 2

Code Lesson 9
The most difficult sequences
Energy Project
Energy Cycle Solar and wind energy Part 1

Code Lesson 10
Bugs
Energy Project
Energy Cycle Solar and wind energy

Code Lesson 11
Programming is like a game
Energy Project
Smart Farm

Code Lesson 12
The farmer drone
Energy Project
Smart Farm
Implementation Process

01. Define Local Partner for implementation (1 Day)
02. Signature Of Memorandum Of Understanding (2 weeks)
03. Registration Process (2-4 Weeks)
04. Teachers Online Training (2-4 Days)
05. Launch in Classrooms (2 Days)