Synergy

Empower Tomorrow: Energize Today!

Start a new revolution

Energy now in the world

35%

Expected global electricity
generation by 2025

$1Bln

Global Renewable Energy
Market in 2023

21.5%

Current electricity generation
as of 2023

Problem

Energy loss due to energy storage

Limitations in energy utilization & efficiency

Damage Control & Economic Crisis

Solution

Electricity forecast

The identificatiion of optimal
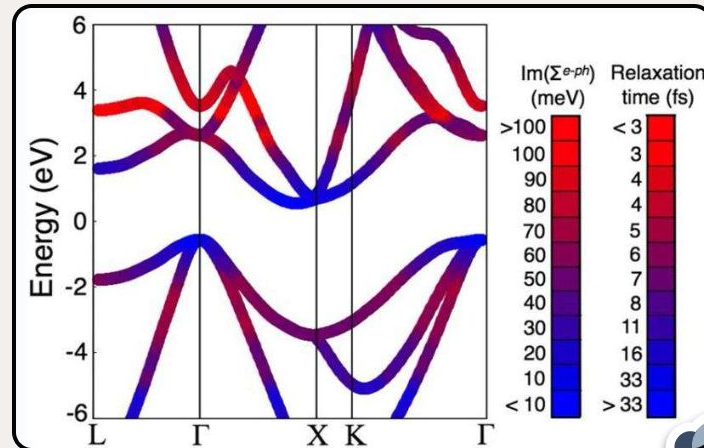electricity generation

IoT & Data Analysis

Smart Grid Management to re-distribute
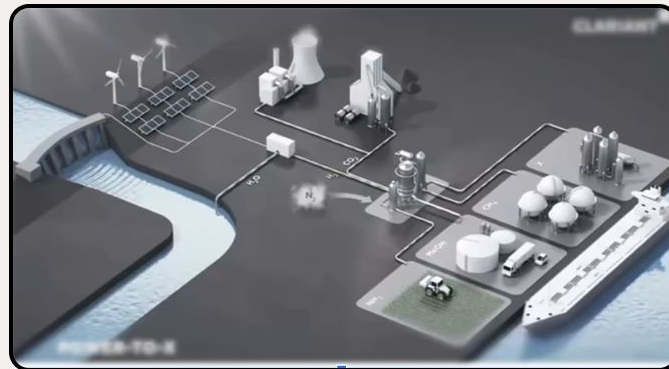the benefitted energy to other locations

Them

Manual analysis of reports requiring time and energy of human capital.

Us

Smart and central control forecast and prediction model empowered by AI.

Innovative **Product**

Science

Data Science &
Machine Learning
Tools

Technology

AI-powered Solar
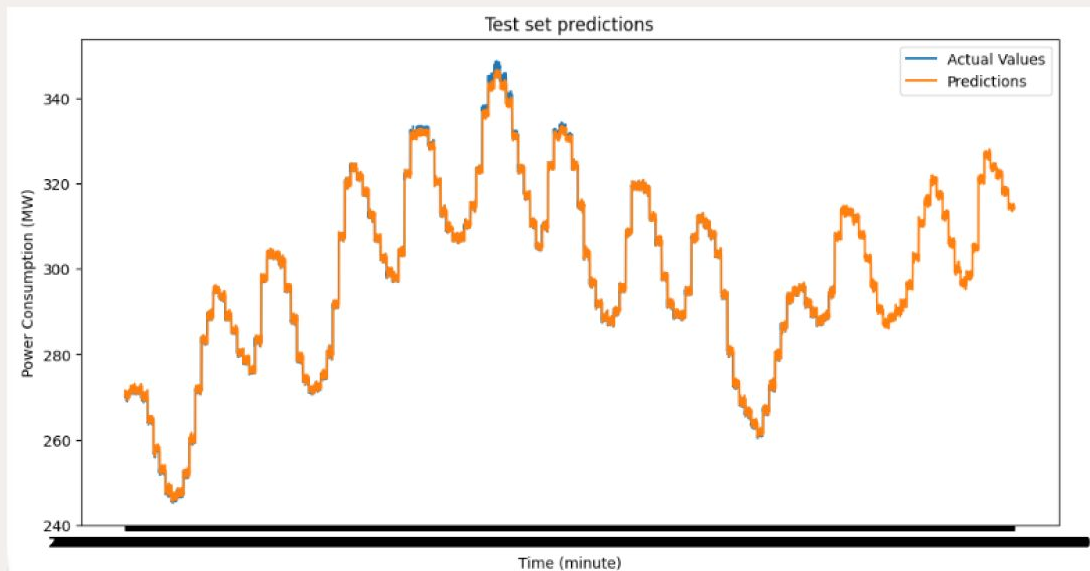Energy Consumption

Advanced AI Model
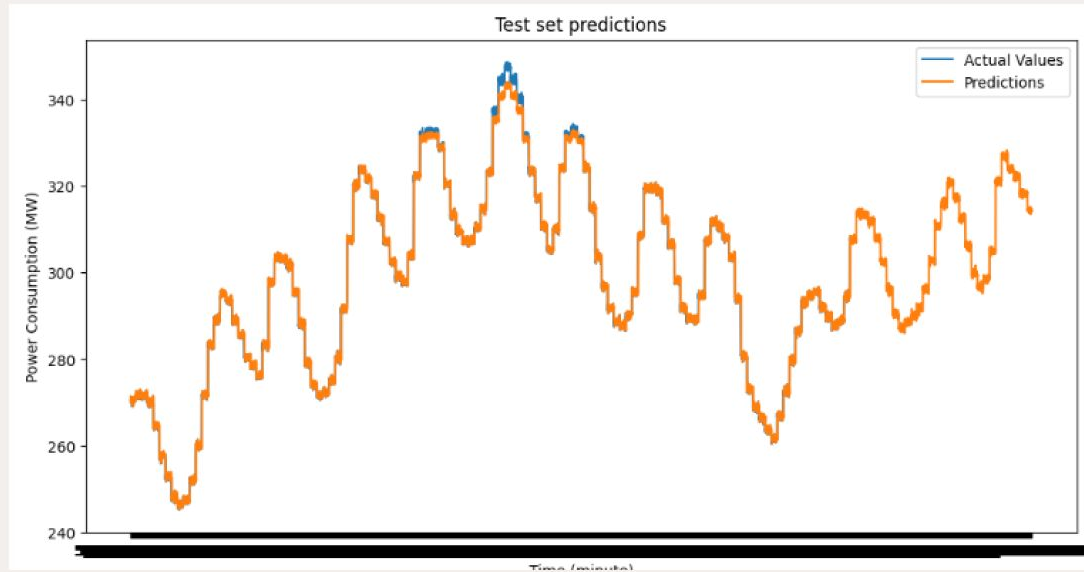
Deep Learning-based
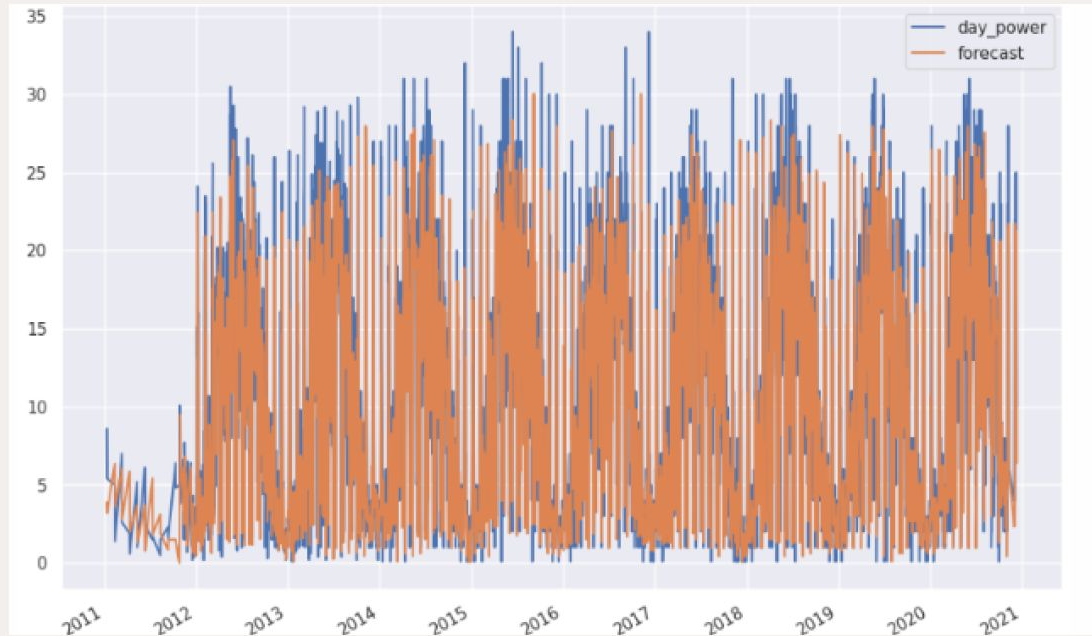Time Series Model

97% Predictive Accuracy
Reached

Consumption Forecasting

Generation Forecasting

Test set predictions

Prediction Accuracy

Performance Metric

Comparison between average predicted values and real ones in the test set
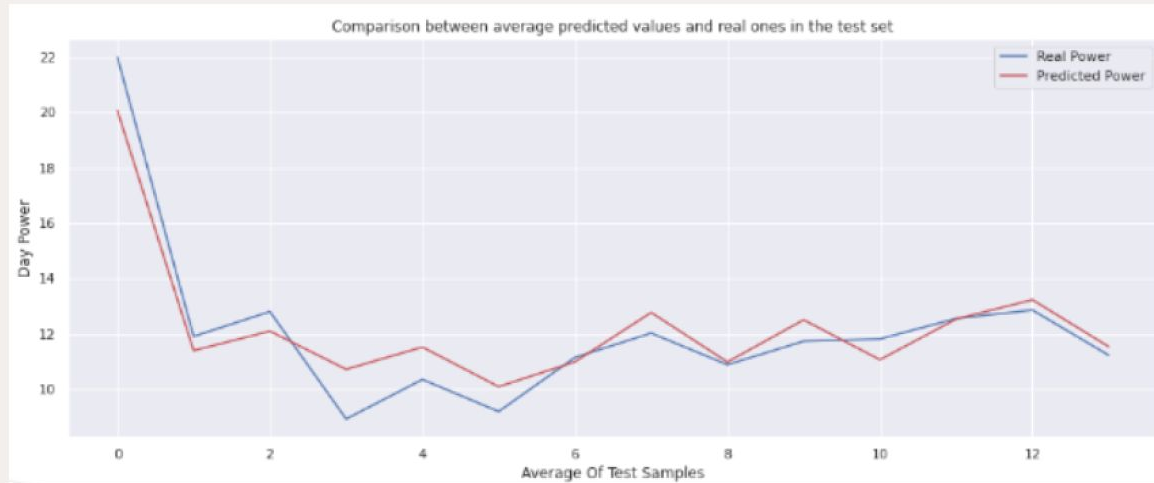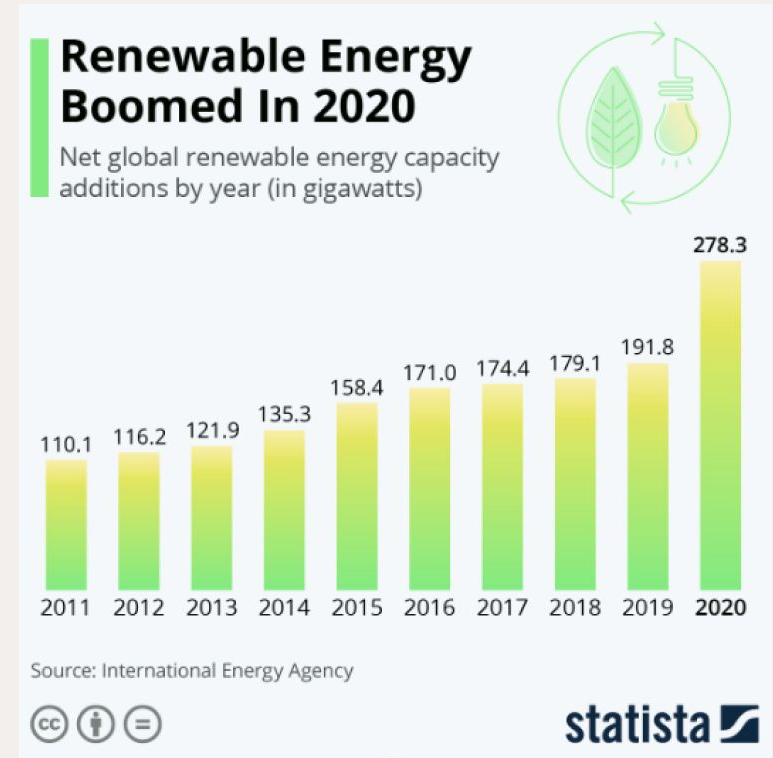
- According to a recent data from the International Energy Agency, the generation of renewable energy **increased** in **2020** at the quickest rate in twenty years.

- The capacity increase last year was 278 gigawatts, a **45 percent rise** and the most year-over-year growth since 1999.
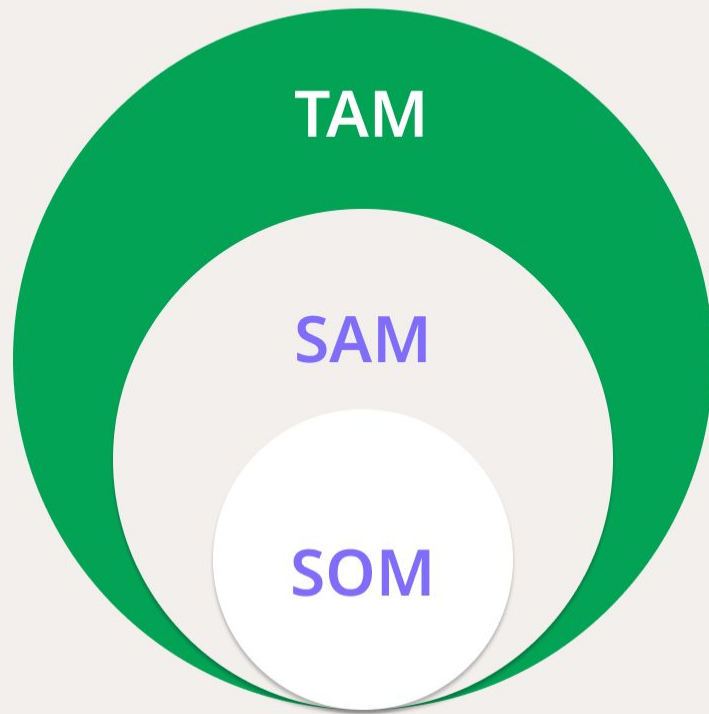

Renewable Energy Boomed In 2020

Net global renewable energy capacity additions by year (in gigawatts)

278.3
191.8
179.1
174.4
171.0
158.4
135.3
121.9
116.2
110.1

2011 2012 2013 2014 2015 2016 2017 2018 2019 **2020**

Source: International Energy Agency

statista

Market Size

TAM - $1050.31 Bln

SAM - $105.031 Mln

SOM - $15 Mln

TAM

SAM

SOM

Market Validation

USA

SWITZERLAND

140M houses

115$ monthly energy cost

30% benefit

4.8B$ benefit monthly

4.7M houses

330$ monthly energy cost

30% benefit

4.65B$ benefit monthly

Business Model

B2B

Automated efficiency analysis for optimal energy level for non-governmental, private entities

B2G

Automated efficiency analysis for optimal energy level for governmental organizations, such as SOCAR, SOFAZ, BP

Our Competitors

		HSmartHelio	SOLAVIO	SUN☉AST
Energy Forecasting	✓	✓		
Predictive Solution	✓		✓	
Model Efficiency	✓	✓		
Assistive Technology	✓			✓

Competitive Advantages

Easily Available

Accurate

Sustainable

Abundant

Secure

Efficient

RoadMap

| MVP stage | Green Cohort | Sabah.Hub incubation | Baku ID 24 | Scale Up |

Thank you!

ENERGY IS REINVENTED WITH US WITH
ARTIFICIAL INTELLIGENCE!