

Sustainability has never been this accessible

Connecting you with a world of local sustainable energy innovation in moments, not months.

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CO2 and global warming

Climate change has become the most pressing environmental concern of our time. Most scientists and governments agree that global warming is on the rise with the main cause being an increase in carbon dioxide (CO2) emissions from fossil fuels.

Survival will be the issue

If we continue to emit greenhouse gases such as carbon dioxide at the rate we do today, global warming will accelerate at a much faster pace during the 21st century than it has in the past.

Impact

Scientists predict that an emissions imbalance shall have a global impact, including:



Minimum 32 million people shall face food supply problems



50% increase in health problems



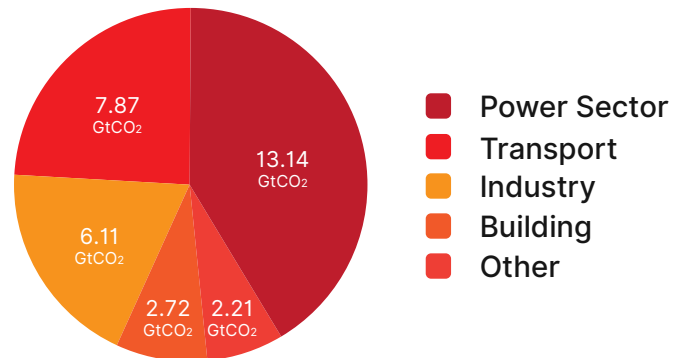
More than 500 million people will be impacted by water scarcity

Source: IPCC and NeuerEnergy

Source of the problem

Electricity and heat generation were the largest source of emissions accounting for 42% of the total global carbon emissions.

The majority of today's electricity is generated from coal, oil and gas. The burning of these fossil fuels account for the largest portion of CO2 emissions worldwide – almost half as much as all other sectors combined. To halt climate change, we must decrease our reliance on these fuels.



Migrate to renewable energy

A significant way for corporates and Industries to reduce harmful emissions is by switching from fossil fuel-based energy to renewable energy through Corporate Power Purchase Agreements (CPPA).

As an Energy purchaser, CPPAs provide you economic viability and certainty which enables additionality, introducing and increasing renewable energy on the grid and directly contribute to the reduction of CO2 emissions. You as a corporate or Industrial purchaser become a key enabler and a positive contributor, safeguarding our collective future.





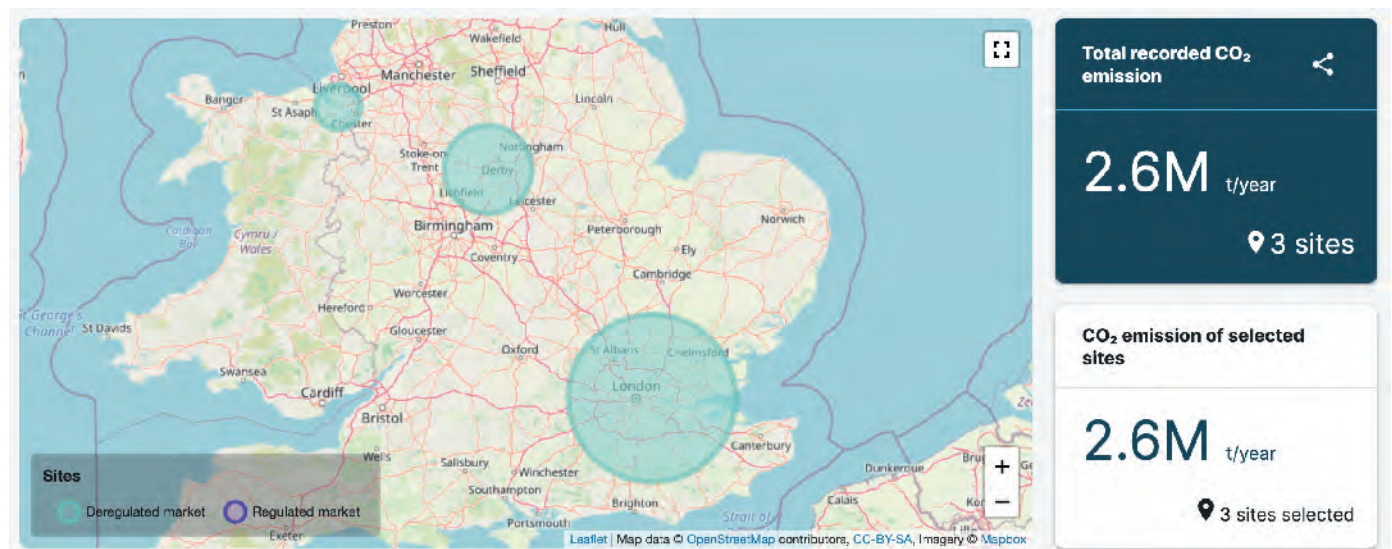
Helping Corporate and industrial to achieve Net Zero targets

In 2020 NeuerEnergy maintained focus on developing new digital applications to help corporate and industrial (C&I) create and maintain their Net Zero targets. NeuerEnergy complimented the C&I Net Zero and sustainability application and platform with investment and partnership in digital twin (aka virtual twin) to provide real-time, virtual representations of a product, platform or even an ecosystem as complex as a city or an industrial plant.

NeuerEnergy utilise digital twins to invent, model, and test disruptive innovations to radically disrupt green and circular innovation.

NeuerEnergy digital twin solutions improve the sustainability across the lifespan of products and services, from cradle to grave, and overall operation and production footprint reduction.

We envisage that digital twin solutions use cases alone can unlock more than 7.5Gt of CO₂e emissions reductions through 2030 and \$1.3 trillion (USD) of economic value.



NeuerEnergy is the perfect companion for corporate, industrial entities and district or city investors, authorities and stakeholders to understand and rapidly reduce their emissions and achieve sustainability goals. The NeuerEnergy applications simplify scientific analysis of emissions, resource utilisation and enables you to plan, procure, and manage your net zero journey with transparency of cost, benefits and target timelines, be it local or global.

Our team will guide you through each phase and aspect of your journey; create and visualize multiple scenarios across territories and countries, to reliably achieve your target outcomes.

Unleash the full potential of your renewable energy



Collaboration is easy

Using our collaboration tools, you can build consensus with key decision-makers and secure approvals with a unified roadmap. Your plans and outcomes are managed using simple and automated project management tools.

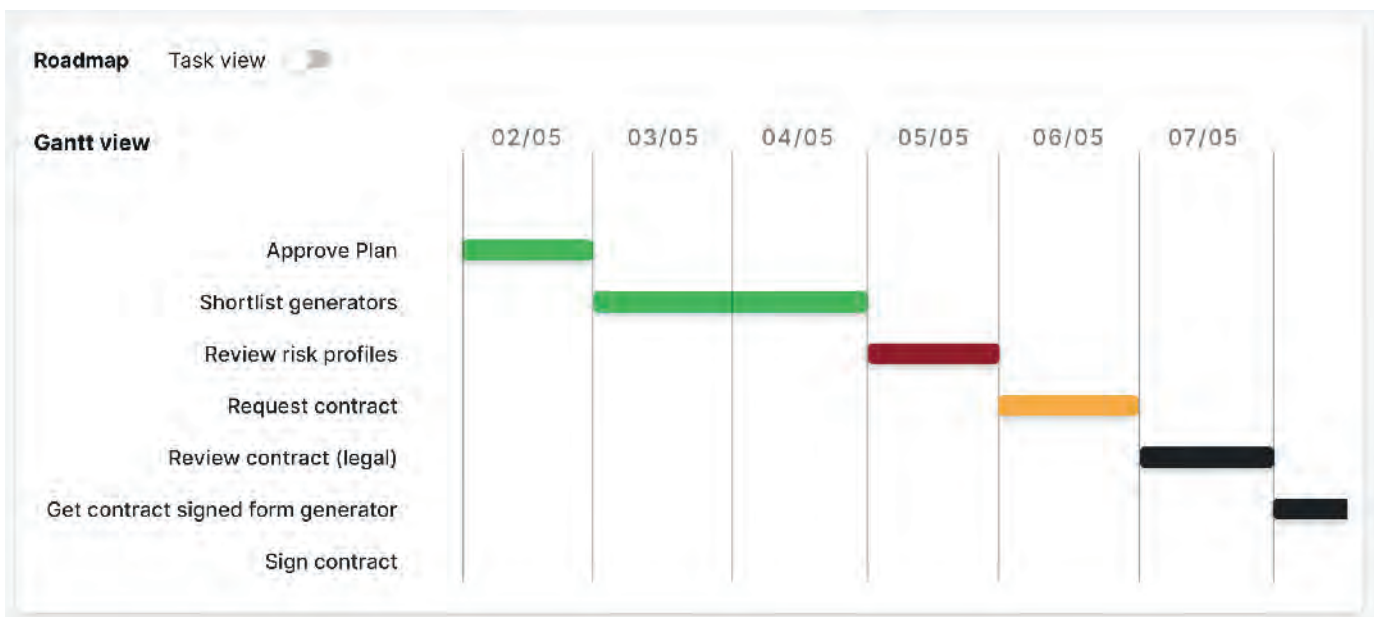
Approval 0/1

Approval requested by: Owen Maestro

We have done the Carbon footprint and price analysis. Could you please review this Business Impact summary and give your approval?

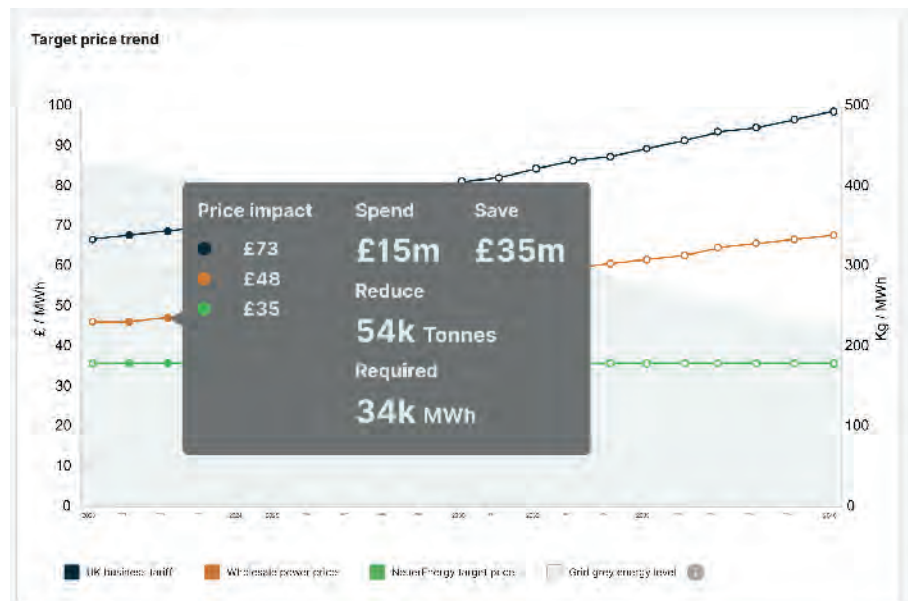
Name	Role	Status	Deadline
Grace Jacobson	Approver	Requested	03/07/2020

APPROVE REJECT



Intelligent Advisor for renewable energy

NeuerEnergy serves as your intelligent advisor, matching the best suited renewable and sustainable products. We advise you on options and the best course of action, based on your role, simplifying price, overall risks, type of products, durations and other contextual criteria.

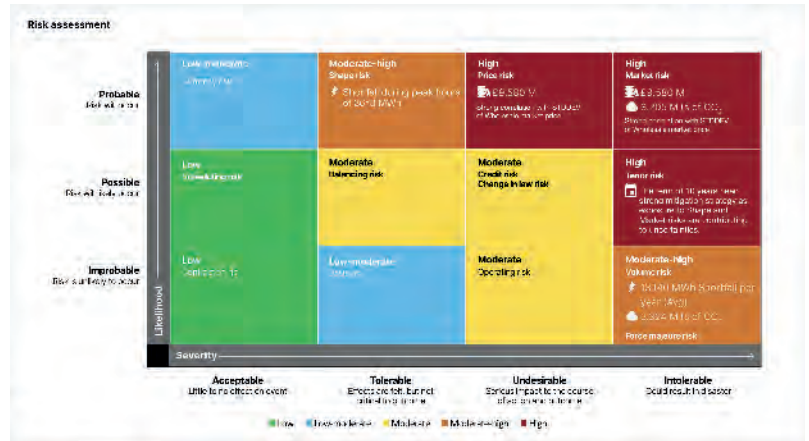


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Digital contracting and Risk management

We have simplified the entire contractual agreements and risk management process for you, including workflow management with your external advisory firms for contract negotiation and risk management. We have embedded industry standard legal templates for leading products across regions and countries.



Our API first approach allows rapid integration with existing systems, multiple global data sources, your procurement and communication tools (such as MS Teams and Slack), external services providers, including certificate issuing authorities and legal firms.

NeuerEnergy Sandbox

APIs allow applications to communicate with one another. At NeuerEnergy, we have an "API first" development approach, which means the majority of the data presented to our customers via the platform user interface can also be made available to them through an API call. For example, through APIs you can:

Retrieve NeuerEnergy platform data

These APIs let you retrieve data about your company's energy strategy.

Once made available through API calls, the data can be integrated into customer's own reporting or management dashboard tools such as ERPs or Intranet, or made available to general public through a web page.

The full documentation for API integration is available here. For initial testing purposes this is an example of an API call that can be used for retrieving the results of a customer generated analysis:

Retrieve CO₂ emissions breakdown by site

```
curl -X GET "https://api.neuerenergy.com/v1/sites/{id}"  
-H "accept: application/json"  
-H "Authorization: Bearer <token>"
```

REST API

GRAPHQL

```
{  
  "id": "site-m001",  
  "historyByMonth": [  
    {  
      "id": "a9e58f8e-e17a-4203-951b-b2a043d6286a",  
      "month": 1,  
      "year": 2019,  
      "scope1": {}  
    }  
  ]  
}
```

The NeuerEnergy platform and applications are flexible and adaptable to a myriad of roles, including executive management, finance and legal, across regions and countries. To ensure compliance, we have standardised reporting by requirements, whether based on SDG, ESG, regulatory, investor policy or social responsibility.

Join NeuerEnergy to help save our planet!
Start your journey to Net Zero today.

