

# About the project

The objective of the project was to implement a blockchain infrastructure based trading platform for open and direct energy trading.

## Challenge

exchange within Lition Energy System. The goal of the project was to simplify the legal, operational and economic hurdles for green power producers while facilitating customers to buy truly green electricity at a reduced price.

Lition approached instinctools with an idea of creating a platform for direct energy

### Tasks

An initial consulting phase ensured clarification of customer needs and purpose of the product. It helped to determine the main tasks for the \*instinctools team:

- Trading platform development including backend, frontend and UI/UX design reflecting Lition corporate style
- Blockchain-based solution development
- Consulting and integration of project management methodology and configuration of project management processes

#### Solution

The final solution met all customer's requirements and expectations. Around 10 JavaScript frameworks were implemented to build reliable and functionally rich web application.

### Key features

Well-organized development process from goals and needs decision to solution architecture allowed to create the product with the following features:



High performance and usability

Productive on **Ethereum** 

and proprietary blockchain



Informative dashboard (with information about producers, types of energy, current rates, transactions and contract data)



and create several energy s upply contracts with Lition

interface

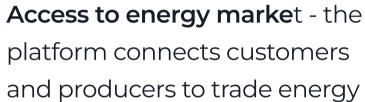


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Possibility to try **live demo** and experience the trading platform

**Option** to choose power plants





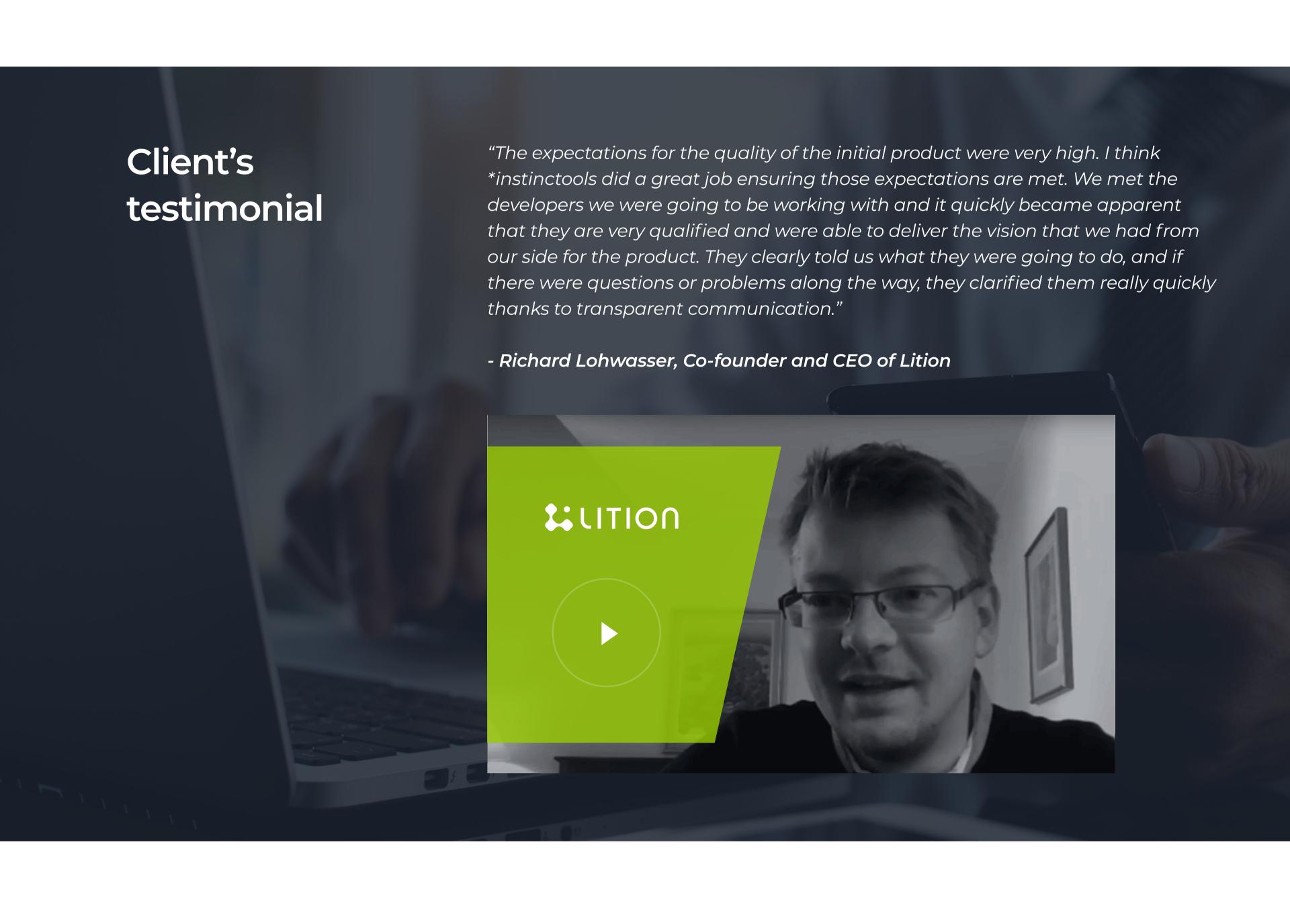
and receive mutual revenues

41 million households in Germany. Customers from more than 30 cities save up to 20% on their monthly energy bill, and producers generate up to 30% more profit. The solution gives users a possibility to support ecological energy plants and help to save the environment.

The platform is currently the key product of the Lition and commercially available for



Result



# Technologies



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