



# smartdata

building flawless software for a smooth digital experience



# about us

smartdata is a leading technology company based in the Republic of Moldova, serving clients across Europe, North America, and Asia since 2013.

We bring together a team of experienced developers, designers, data scientists, and machine learning engineers to deliver innovative online solutions.

By combining expertise in data science, AI, web, and mobile development, we bridge the gap between customer needs and cutting-edge technologies, tackling complex challenges with cross-disciplinary collaboration.

Our solutions have earned global recognition, particularly in the aviation and booking industries, and more recently in revolutionizing the wind energy sector.

**smartdata ranks among Moldova's top 50 IT companies and was named one of Romania's 20 to Watch in 2023.**





# what we do

## Data & System Services

- Data Analysis, Engineering, Visualization, Migration
- Data Science (Statistical Modeling, Predictive Analytics, Data Mining)
- System Architecture Design & Database Optimization
- Code Performance Optimization & QA Testing
- Third-party Integrations & APIs

## Machine Learning & AI

- Model Deployment & Management
- Automated Model Testing & Resource Orchestration
- Model Monitoring & Drift Detection

## Web & Mobile Development

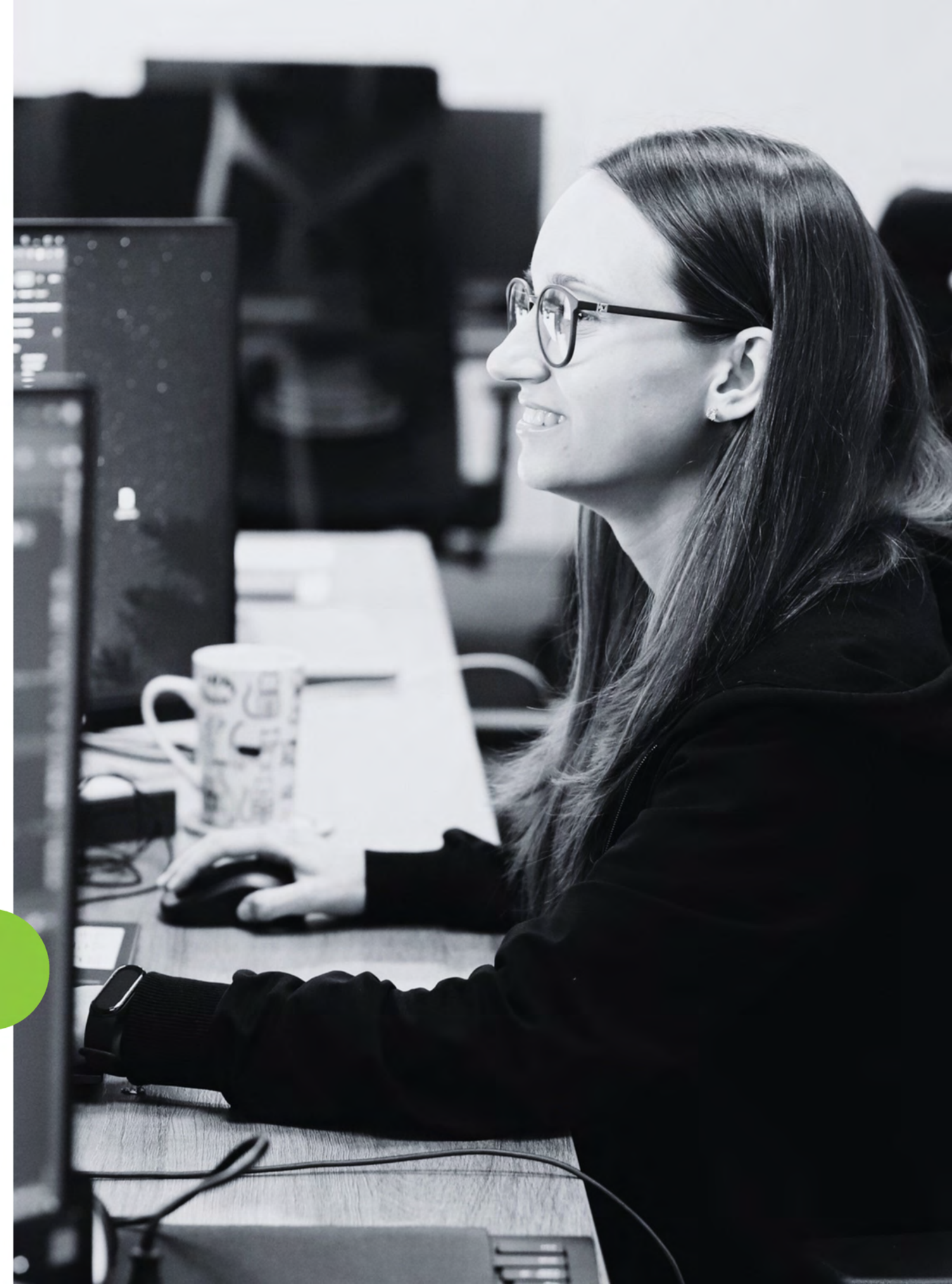
- Web Application Development
- Mobile App Development (iOS/Android)
- Cross-platform Development (React Native, Flutter)
- UI/UX Design & Optimization

## Cloud & DevOps

- Cloud Solutions, Migration & Management
- DevOps Automation & CI/CD
- Infrastructure as Code (IaC) (Terraform, Ansible)
- Containerization & Orchestration (Docker, Kubernetes)

## Additional Services

- Big Data Solutions, Cybersecurity, Business Intelligence
- Automation & Scripting Solutions
- IoT





# what we know

## Programming Languages

PHP  
JavaScript  
TypeScript  
Python  
Java  
Go (Golang)  
Dart  
Swift  
Kotlin  
Objective-C  
C#

## Frameworks

Laravel  
Symfony,  
WordPress  
Nest.js  
React.js  
Vue.js  
Next.js  
.NET  
React Native  
Flutter  
Django  
Flask  
FastAPI

## Databases/Storage

MySQL  
PostgreSQL  
MSSQL  
MongoDB  
Firebase  
ElasticSearch  
Apache Solr  
Redis  
Memcached

## Infrastructure

AWS  
Azure  
GCP  
DigitalOcean  
Docker  
Kubernetes  
Jenkins  
Terraform  
Ansible  
Azure DevOps

## ML & Data:

TensorFlow  
PyTorch  
Keras  
Pandas  
SciPy  
NumPy  
Plotly

we do all of our work under one roof. Having our technical, design, and strategic talent together in one place let us capitalize on cross-disciplinary collaboration to find the most efficient solutions.

we offer long-lasting technical solutions.

we know how to improve your business using the latest technologies and best-case practices in the industry.

we know how to scale up a startup.

we have one of the biggest teams of data scientists in the country that can harness the power of data science to implement the best technical solutions for your business.



# who we are



4x Data Scientists  
2x Machine Learning Engineers  
2x DevOps  
4x Senior Frontend Developers  
3x Middle Frontend Developers  
7x Senior Backend Developers  
2x Middle Backend Developers  
2x Full Stack Developers  
2x System Architects  
5x Mobile Developers  
1x UI/UX Designer  
4x Project Managers  
4x Quality Assurance Specialists





# how we work

## **Augmented Teams:**

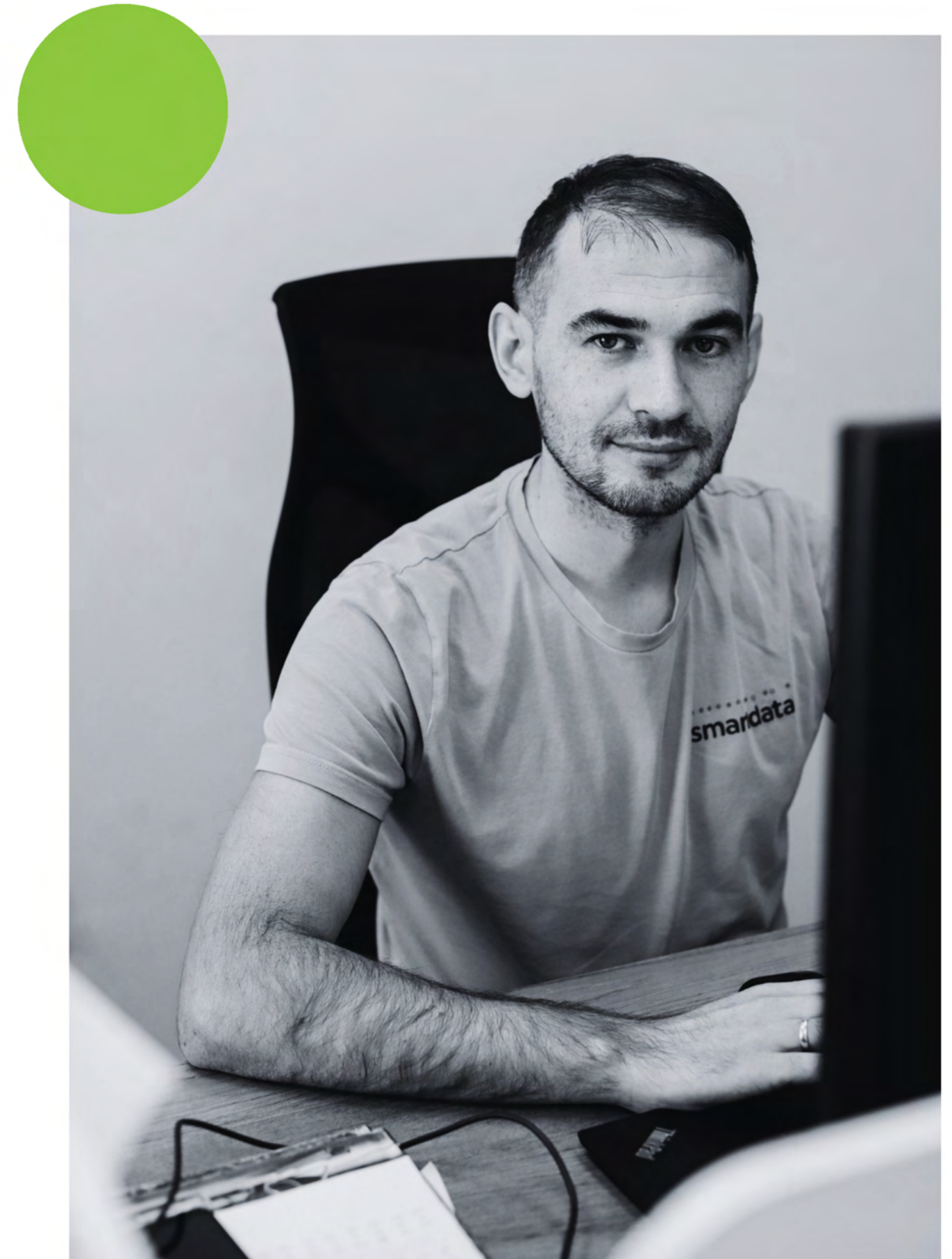
- We seamlessly integrate our team of 50+ engineers and developers with your in-house talent, empowering your team with additional skills and expertise while staying aligned with your leadership and vision.

## **Dedicated Teams:**

- We provide a full, dedicated team that is exclusively assigned to your project, managing the entire technical implementation process and ensuring that your vision is executed with precision.

## **Full Outsourcing of IT Department:**

- We become your external IT partner, offering expert-driven solutions, scalability, and cost efficiency, so you can focus on what matters most—your core business operations.





# who we work for



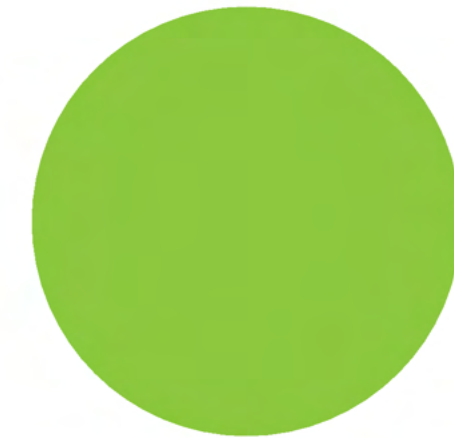
**governments**



**startups**

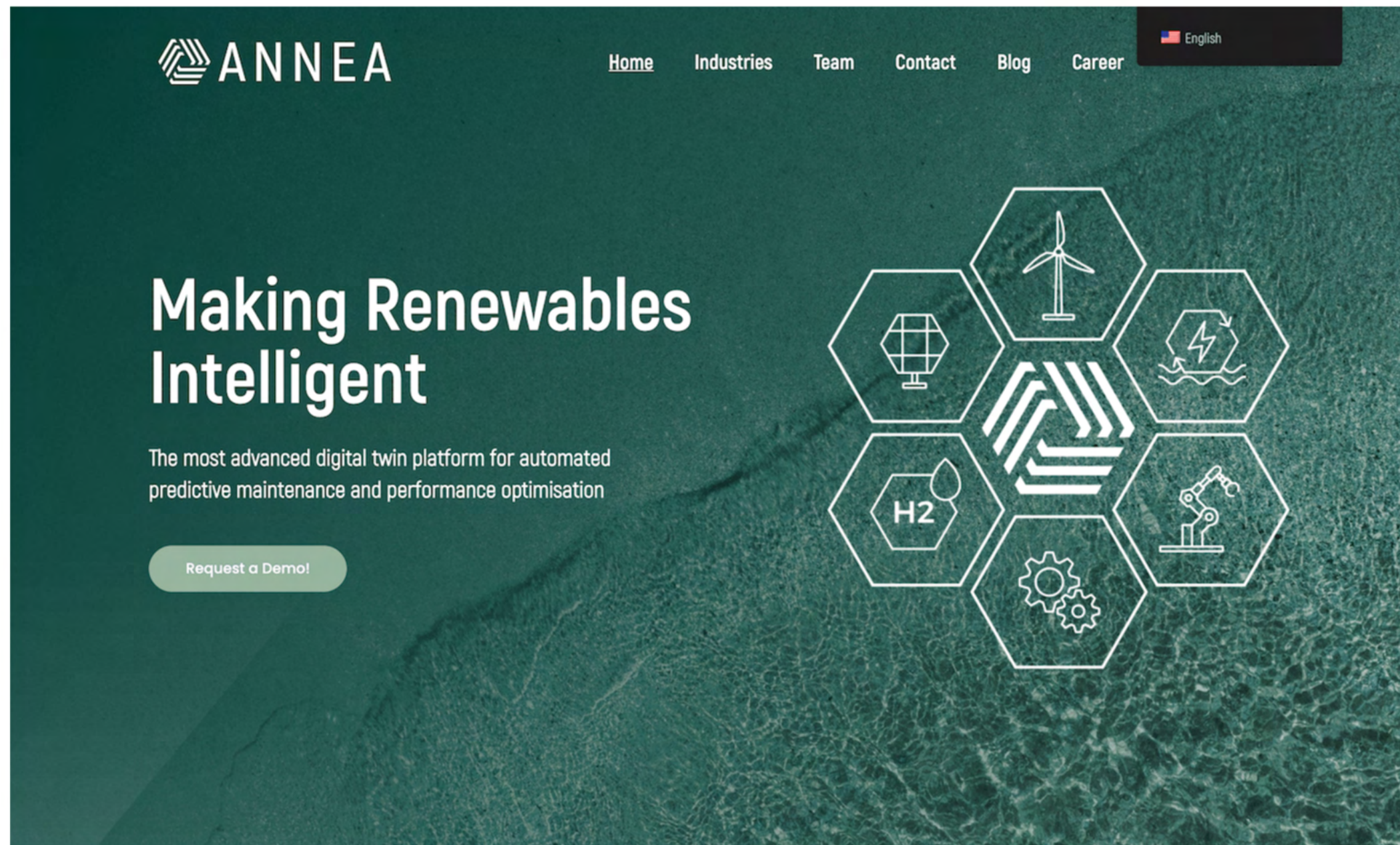


**corporations**





# ANNEA



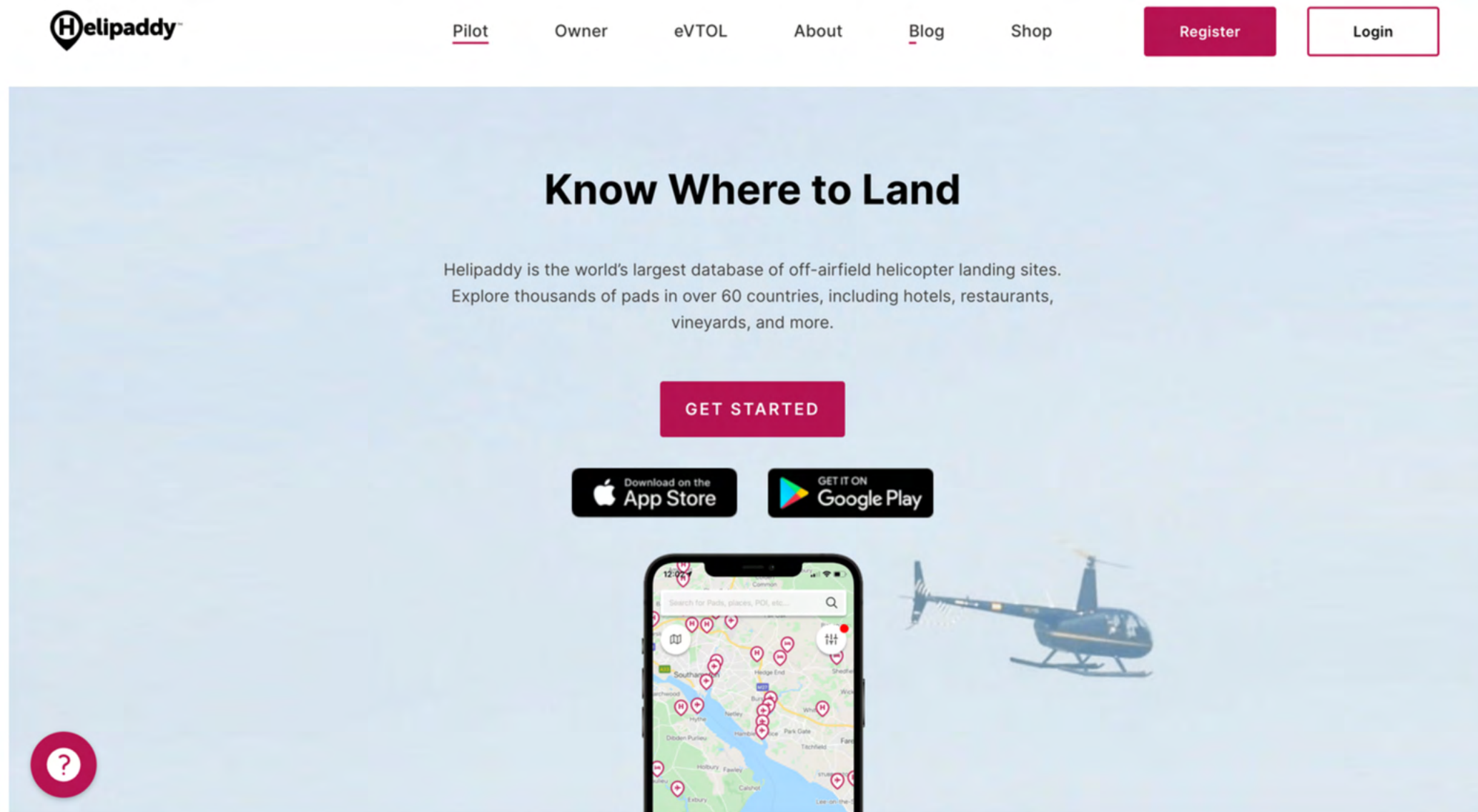
ANNEA partnered with our team to spearhead a groundbreaking project aimed at revolutionizing the wind energy sector through the implementation of an intelligent turbine health and performance optimization system.

smartdata was tasked to create an integrated system that seamlessly collects data from wind turbine sensors and processes it in real-time. The objective was to facilitate data refinement, scaling, and frequency conversion, and ultimately enable advanced health assessment, performance prediction, and anomaly detection.

Together, we developed a cutting-edge wind turbine management system that captures sensor data, computes health indices, predicts turbine behavior, and swiftly detects anomalies. Our system uses Docker and AWS for seamless deployment, empowering energy providers with tools to enhance efficiency, optimize maintenance, and ensure sustainable energy production.



# Helipaddy



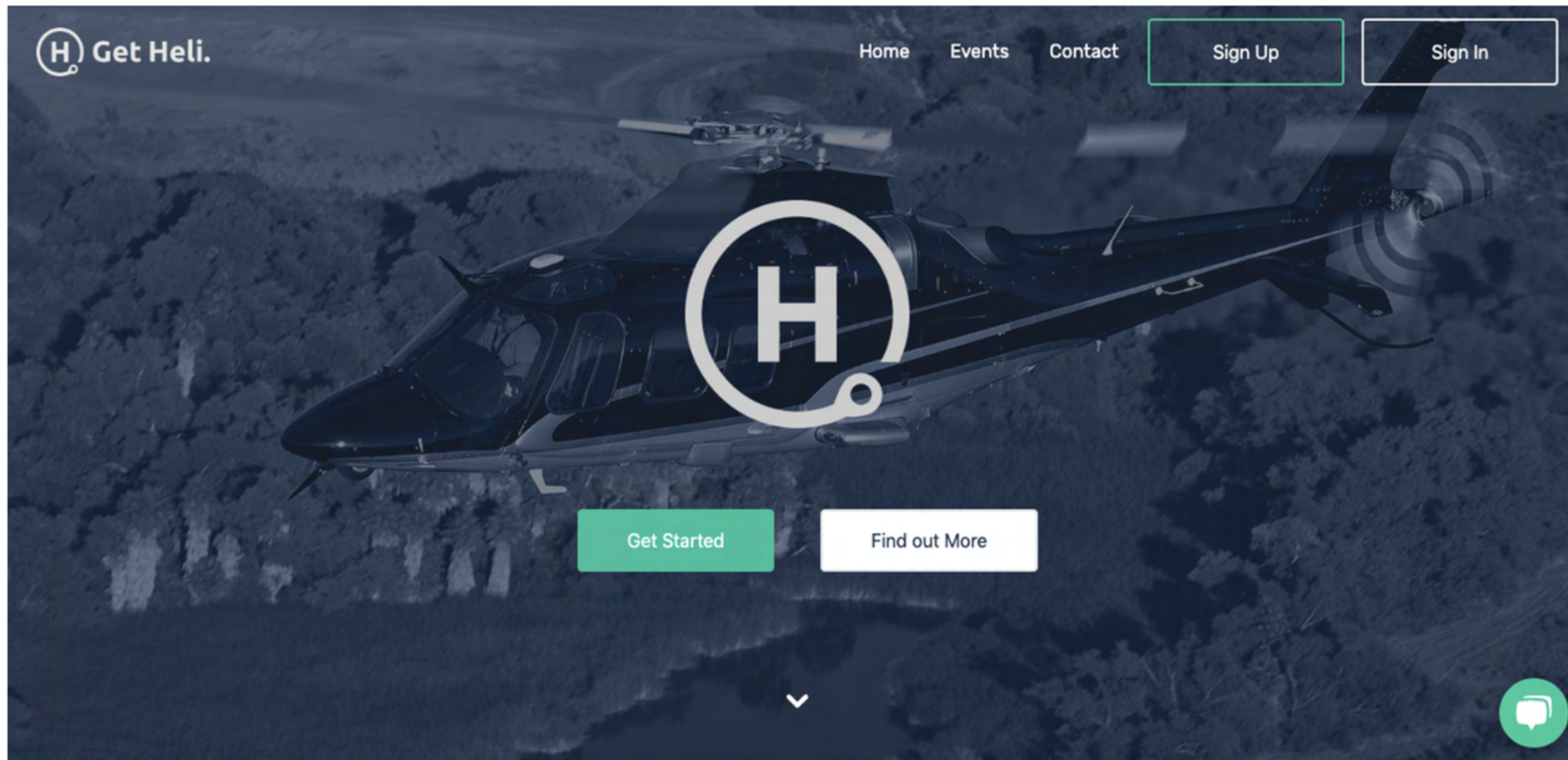
Helipaddy is a mobile app and platform designed for helicopter pilots and enthusiasts to discover suitable landing sites worldwide. Similar to navigation apps for drivers, it offers information on helipads and landing spots, boasting the world's largest database covering over 60 countries.

The main challenge was ensuring secure, real-time data consistency across iOS, Android, and web platforms. smartdata undertook a complete redesign and redevelopment of Helipaddy, including mobile apps (B2C), a web portal (B2B), and an admin panel.

We enhanced the platform with a fresh design, improved logic, a new data structure, and added features. Additionally, we created a secure external API to share the dataset with third-party apps and ensured data security and consistency in real-time between web and mobile platforms.



# Get Heli



Get Heli is a platform connecting users with certified Premium Helicopters and Preferred Operators, offering quotes and booking services to exceed VIP client expectations.

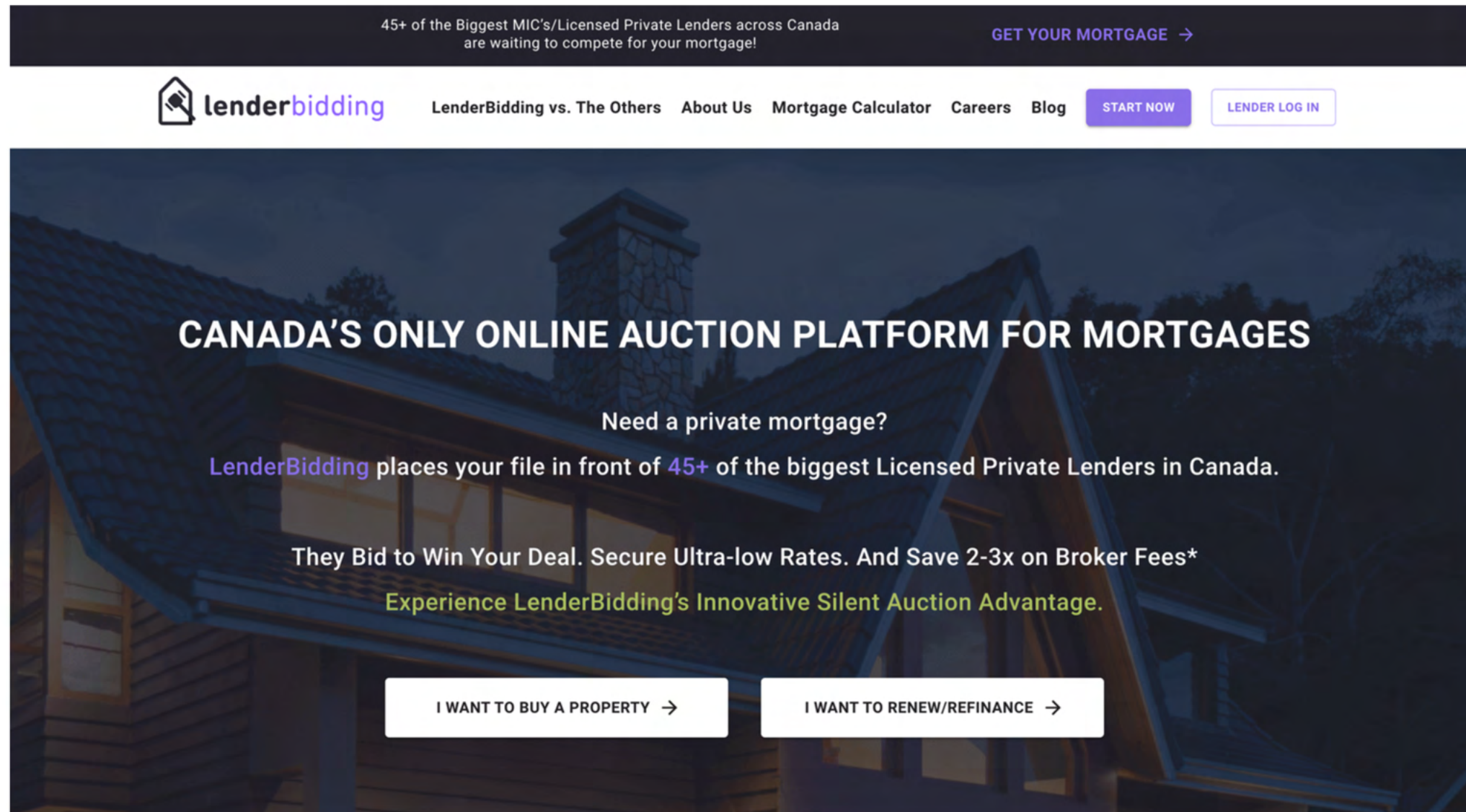
The challenge was to create a platform linking trusted helicopter operators with potential clients and brokers, which smartdata successfully achieved.

Services provided included Web Development, Continuous Development, and Maintenance.

The outcome is a robust platform that enhances sales and offers a seamless quote and booking experience, establishing a trusted digital environment for all stakeholders involved.



# lenderbidding



LenderBidding is a platform connecting real estate brokers with private mortgage lenders, enabling deal placement and bidding on real estate offers using Google Maps integration.

The challenge involved redesigning key platform elements, including deal placement and user auction forms, along with a new landing page. The updated UI aligns with the latest UX trends and offers customization options and filters.

Results include a revamped deal/bid placement form, customizable user profiles with optional 2FA security, and specialized lender functionality for deal filtering. Additional features were introduced for users and admins, with third-party email integration. The platform's performance and stability were improved for seamless navigation and interaction.



# LiftN'Go

[How it Works](#)[Our Services](#)[Company](#)[Transport Company?](#)[Login/Register](#)

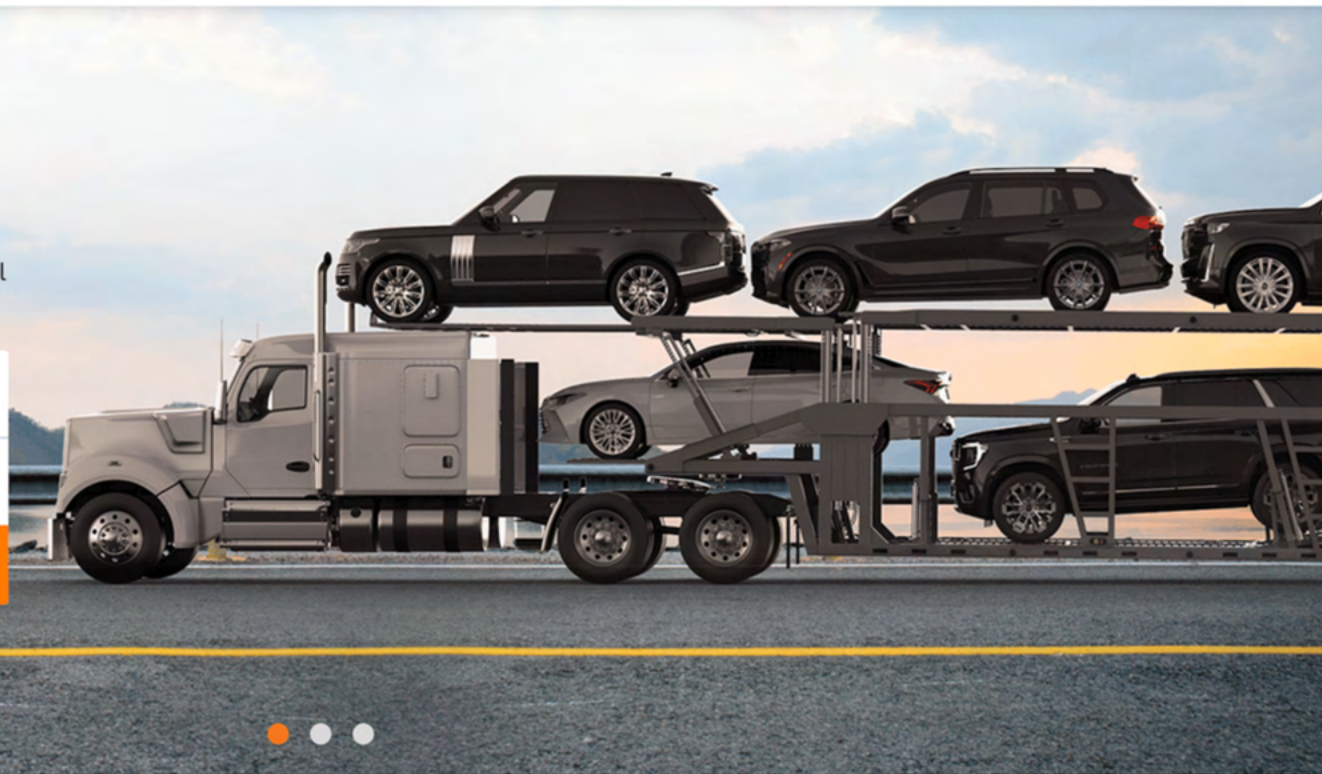
## Connecting Dealers to 1000's of Transport Companies

Whether you require drive-away, flatbed or haul service, we got you covered!

Pickup Location

Delivery Location

Continue →



## Our Services

Lift N' Go has revolutionized the way automotive dealers ship their vehicles from



Lift N' Go, founded in Ontario in 2019, has transformed car transportation in North America. They cater to businesses and individuals, reshaping how automotive dealerships handle vehicle shipments.

smartdata was tasked with creating a user-friendly platform for service providers to manage orders and for customers to choose transportation offers and stay connected with drivers for real-time updates. The project involved redesigning core functionalities, web development, building a website and mobile app from scratch, and resolving bugs. Key technologies included PHP/Laravel for backend, MySQL for the database, React and WordPress for frontend, JavaScript, nginx for web services, and iOS/Android for the app.

The outcome was an efficient car transportation platform. Dealers, transport companies, dispatchers, and drivers could register and manage orders. Customers could communicate directly with drivers for real-time updates. An accompanying app simplified order placement and communication for all Lift N' Go users while providing order tracking and additional information.



# partners



# clients



**Get Heli.**





**thank  
you**

for any inquiries send a message to [andy@smartdata.solutions](mailto:andy@smartdata.solutions) /check us out online [smartdata.solutions](https://smartdata.solutions)

  
smartdata