



## CLIMATE TECH CASE STUDY

### Energy

#### Wood

Wood is helping turn ambitious net zero targets into real emissions reduction. Achieving predictable outcomes, they support clients through their energy transition journey. Together with Microsoft, Wood has created a cloud monitoring solution to accurately track clients' emission.

Wood's ENVision provides governance and insight around emissions and carbon releases by streamlining and automating diverse data sets to provide a clear, auditable and accurate view of emissions from any asset, organisation or city. Through providing a clear process for manual data provision, or connected systems data collation, ENVision automates environmental reporting and, with Microsoft Azure, unlocks the value of data for an asset or portfolio of assets.

ENVision has the ability to focus directly on the IoT and sensor driven real-time emissions monitoring. It provides a complete view of emissions by integrating with varied systems (ERP and EMIS, equipment inventory, operational applications).. It provides automated real-time insight into emissions, including nitrogen oxides (NOx), sulphur oxides (SOx,) volatile

organic compounds (VOC), carbon monoxide (CO), particulate matter (PM) and greenhouse gas emissions (GHG).

ENVision reduces manual tasks associated with data collation and reporting by 80% with clear auditability and notifies an operator of an issue over ten times faster than traditional methods and spreadsheets. With an ability to interact with third-party data, automation of corporate reporting, such as real-time carbon foot printing (including scope 1, 2 and 3 emissions), is possible. Practical for small assets up to a portfolio of assets, ENVision is a proven solution for managing emissions and carbon data. In one instance, ENVision integrates 1.2 million data elements from 5 operating centres, reducing manual labour to a fifth of previous requirements whilst improving data quality, auditability and enabling better decisions through insight.

Many organisations are making significant progress in reducing energy consumption and emissions but realise there is more work to be done. Moreover, ENVision enables transparency and confidence to all stakeholders in the journey to achieving emissions and netZero targets.

View the website [here](#).