

Success Story

BellaDati data analytics Application for Heavy industry



NWR

NEW WORLD RESOURCES

Organization: New World Resources

Location: Czech Republic

Website: newworldresources.eu/en

Industry: Coal and coke production

- NWR headquartered in Netherlands, is one of Central Europe's leading hard coal and coke producers
- Listed on LSE since 2008 (LSE:NWR)
- largest IPO on LSE until 2008
- Revenue in 2011: 1.6€ billion
- Operates 4 mines, 6 developing projects and coke plant

Notable data sources:



BellaDati deployment:
OnPremise

Business Situation

NWR currently operates 4 active mines and half a dozen of developing projects in Czech Republic and Poland, employing in total more than 18,000 people across the region. It supplies local blue chip customers, including ArcelorMittal, U.S. Steel, Voestalpine, Dalkia, CEZ, Verbund, Moravia Steel, and ThyssenKrupp. To effectively manage and synchronize such enormous production, supply chain and workforce, NWR was looking for a powerful, but flexible BI extension to its massive IT infrastructure.

Technical Support

OKD (one of 4 mines) purchased SAP HR and PP/PS software to support employees' administration. These solutions, however, lacked a satisfactory reporting layer. Furthermore, OKD management also placed great importance on strict data security policy within the company and required advanced access control and management for analyzing and working with collected data.

BellaDati Solution

The BellaDati has been deployed on top of the existing SAP installations to support the HR agenda. Precise security and access management rights have been set up to protect sensitive employees' information. Developed reports included employees' segmentation, salaries, bonuses, attendance, absences or injuries analysis. BellaDati has also been leveraged for operational purposes, analyzing coal extraction and production data including productivity.

Benefits & Results

- BellaDati has been recently expanded into other branches including OKK and Mining Rescue Services.
- 20% savings on HR and administrative headcounts
- 50% savings on training and support costs
- Return on Investment: 50%
- Savings on the increased productivity of the production has been huge, but difficult to calculate