

Start-ups in the digital energy world

For newly founded companies, digitisation of the energy world opens many diverse opportunities for evolving new business models and extrapolating existing ones, finding innovative solutions for old problems and entering new markets. Such companies must not necessarily be energy-industry start-ups - in many cases, start-ups from completely different disciplines provide solutions for the energy industry. Three examples:

pixolus – meter-reading by Smartphone camera

The "pixometer" app provided by 2013 start-up pixolus permits meter-reading using mobile image-recognition technologies:



pixolus directors Dr. Mark Asbach and Dr. Stefan Krausz unveil the pixometer meter-reading system

the displays of mechanical and digital electricity, gas and water meters can be read off using a Smartphone or Tablet camera. Reading of consumption figures using an app

is a suitable method for landlords, housing departments, energy and property managers and for suppliers who need to read meter displays in a large number of buildings. The read-off data (meter display and confirmatory photo) is available in collated form on a web portal after read-off and can be exported from there. pixometer, as a customer app, also provides a solution, via which customers can themselves read off meter displays. In addition to automatic meter-display reading, the customisable customer app also includes a special middleware package for data management and a facility for connection to invoicing and meter-data management systems.

