

## PRESS RELEASE ANNOUNCEMENT



Gruyere Gold Processing Plant, Western Australia - a joint venture between Gold Fields and Gold Road Resources

### **A World First Collaborative Project Driving Improvement in Gold Plant Optimisation**

PERTH, Australia – 23, October 2020

METS Ignited Industry Growth Centre announced the consortium of Gold Fields, CSIRO, Curtin University, Gekko Systems and Orway IQ as recipients of the Tranche 4 Collaborative Project Funds. The METS Ignited funding will assist the development of a system to collect and analyse real-time gold reconciliations and automate gold processing plants by providing the technology, software, skills and expertise to the miners as an integrated package.

In a world-first, the project draws together a range of technologies and skill sets that are the first step to truly understanding what is happening in a gold production plant real time and will eventually lead to a fully autonomous gold plant.

METS Ignited CEO Adrian Beer has said the project funding is supporting the commercialisation of innovation developed in partnership with industry, research and Australia's METS companies. "The METS Ignited Collaborative Project Funds are a catalyst for industry collaboration to enable commercial pathways for Australian technology to deliver global results," said Adrian Beer.

Gold Field's Processing Projects Coordinator Matt Dixon said the value of this collaboration was having information available in real time to make decisions.

“The METS Ignited project is looking to integrate multiple technologies to achieve a step change in the automation and optimisation of gold processing. Recent innovations by CSIRO and Curtin University, in partnership with Gekko Systems are now making the potential to monitor gold in real time a reality. Gold Fields have chosen the Gruyere Gold Mine as the site to install and test these technologies. Combining the OLGA (OnLine Gold Analyser) and Carbon Scout with newly developed data capture and analytics technologies, aims to provide a step change to how we measure, monitor and optimise gold recovery. A world first project, creating a technological capability which does not yet exist anywhere else in the gold sector,” said Matt Dixon.

Orway IQ's MillROC remote application, currently deployed on the Gruyere Comminution circuit, will be expanded to analyse real-time data from the Carbon Scout and OLGA which is facilitated by Process IQ's VIP Data platform..

**ENDS**

### **About Orway IQ**

Orway IQ is a joint venture company established by Orway Mineral Consultants (OMC) and Process IQ. The joint venture draws on the expertise of OMC with regards to comminution design, modelling and optimisation and Process IQ's expertise in process control, automation and process instrumentation. The JV provides clients within the minerals processing industry with a consulting service, MillROC (Milling Remote Optimisation Consulting and Coaching) applies process models and analysis to real-time plant data, the findings of which are communicated to the client to facilitate continual improvement.

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