



The Power of Information

**Driving organisational performance
through effective knowledge
management**



Knowledge Culture

Critical Success Factor for Business Performance

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Rio Tinto Exploration

Knowledge Culture

Critical Success Factor for Business Performance



■ Copper ■ Aluminium ■ Iron Ore ■ Diamonds & Minerals ■ Energy



Cultural barriers

- Knowledge is power
- Not invented here
- Drive to create
- Fear of Exposure



Cultural enablers

- Shared knowledge is greater power
- Invented here is not good enough
- Drive to perform
- Fear of underperforming







What does
it take to be
world-class?



[Join the discussion on Yammer](#)

Building a
knowledge culture

Communications

- Communities of Practice
- Monday morning tool box meetings
- Mentoring opportunities
- Yammer
- Lync
- WebEx
- Spaces
- Rio Tinto College
- Rio Tinto TV





Deborah Talbot

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Welcome to Rio Tinto College



Welcome to Rio Tinto College. As an organisation we are committed to "developing people for growth", both personal and business growth. The college is supported by a number of globally endorsed Academies. Enjoy exploring the wealth of learning opportunities the various Academies present – now available to you anywhere, anytime.

[Watch the Tutorial video](#)

Academies

- ESSE Academy
- HR Academy
- Leadership Academy
- Marketing Academy
- Procurement Academy
- Professional Skills Academy
- Stakeholder Engagement Academy

My Recommended Academies



Leadership



Professional Skills

Language Learning

Learn a language with Rio Tinto

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RioTintoTv



Performance Metrics

Measuring our success
Understanding our business - understanding our performance metrics

Duration: 7:00 | [Launch video](#) 18 June 2019

With the Rio Tinto operating across product group T&I, Technology, Innovation, Human Resources, Technology, Innovation, Preston Chiara, Face to face, Horizons end of year

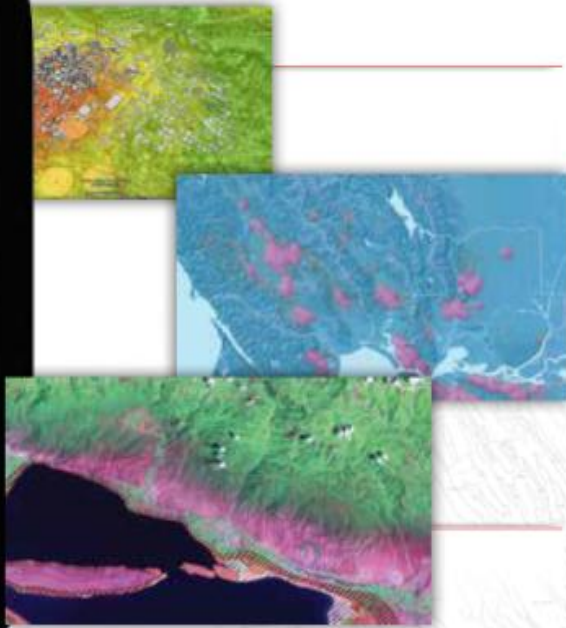


We knew we needed to introduce digital systems to align with global leading practice and to give our team members much easier access to data.



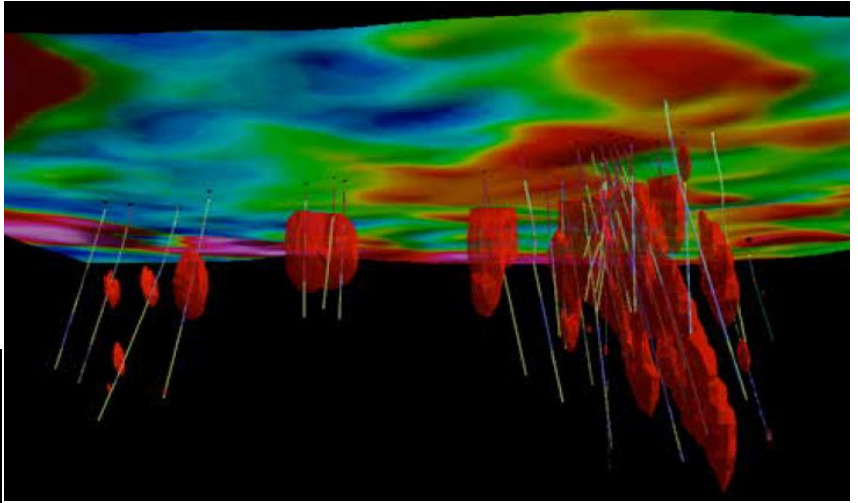
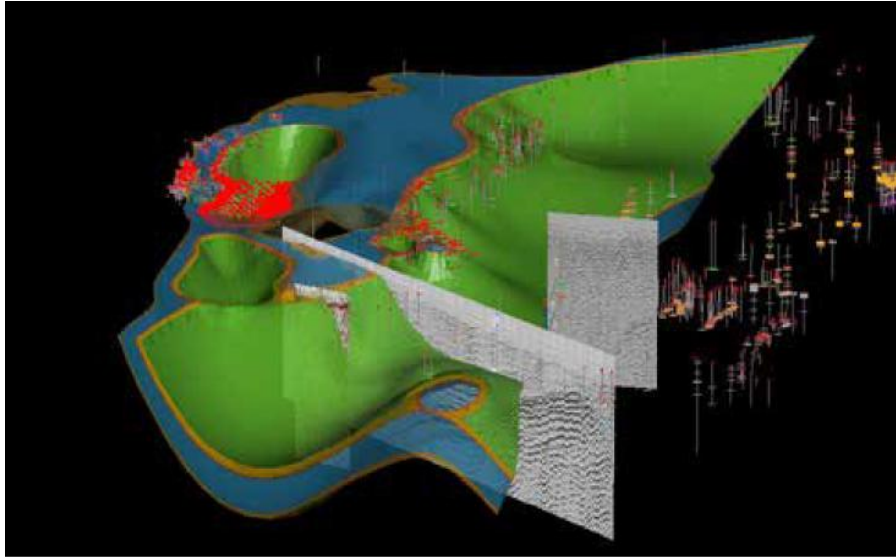
RTX runs on data:
it is the **fuel** that
allows our geoscientists to
read and interpret landscapes
and discover resources

We run on data:



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Design





Information Central: RTX's EDMS is inspired by other knowledge hubs of the world such as the British Museum in London whose reading room is pictured here.

Improving data quality

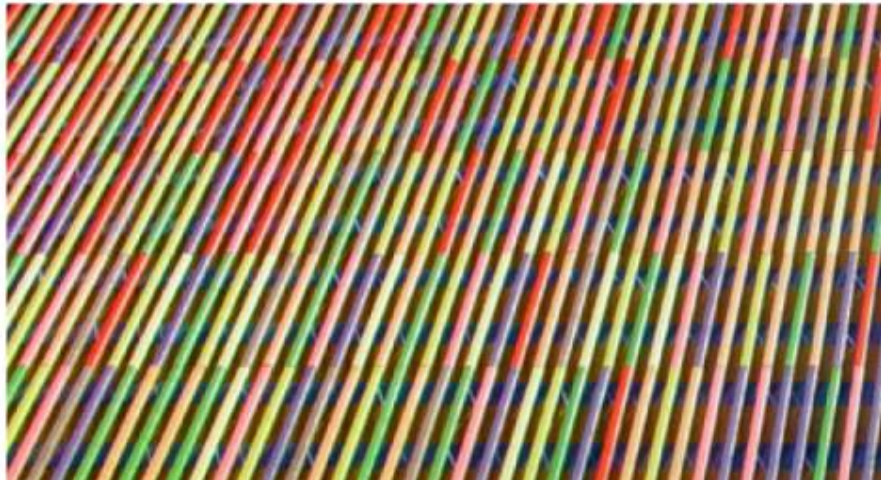
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Data And Information Management (D&IM)

How RTX is improving data quality and the chance of discovery

The Geoscientific Observations & Measurements System project (known as GOMS and part of the original Mimir programme) is proving to be more rigorous than earlier data systems and methods of data migration, adding value to RTX.

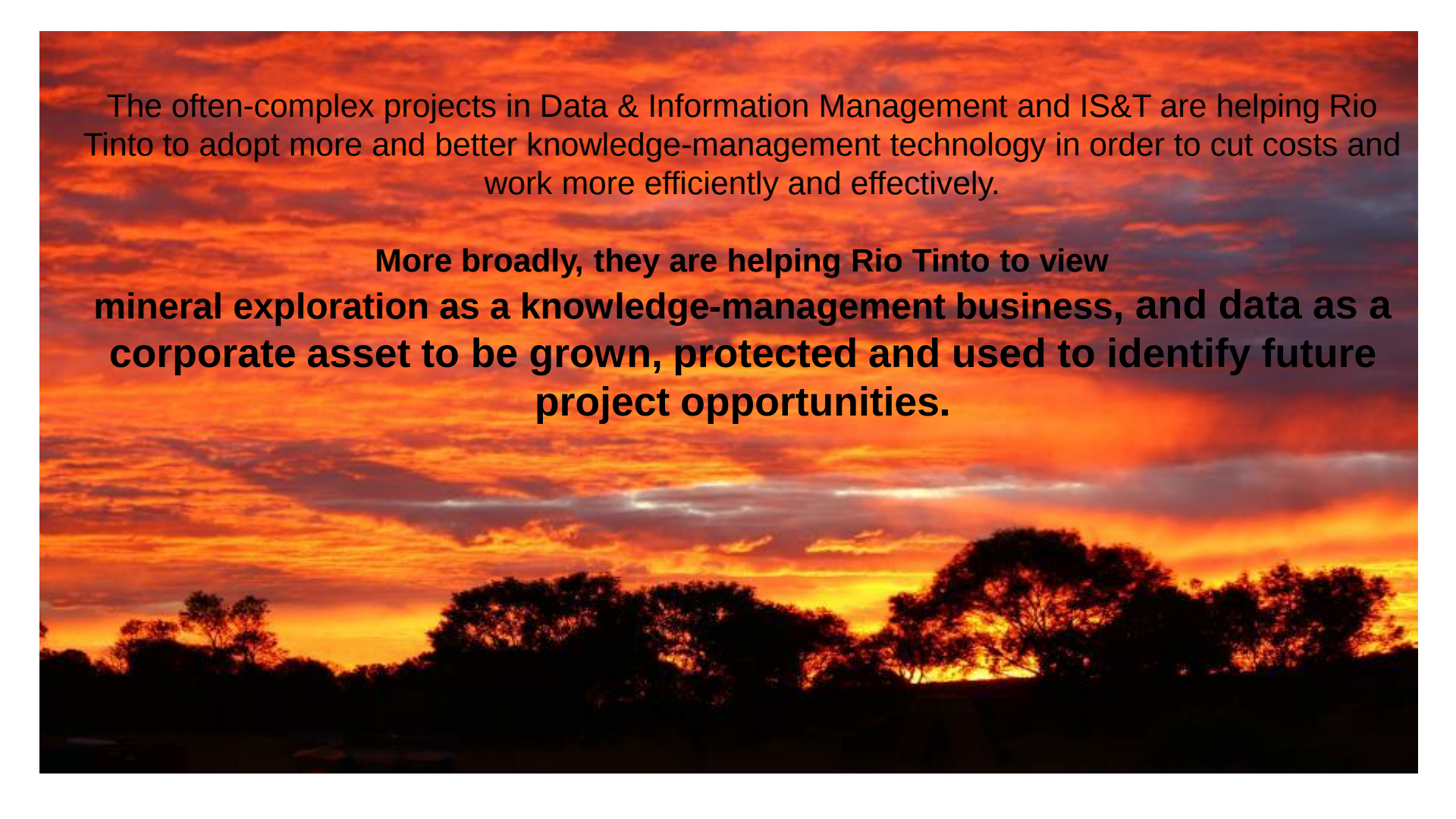
GOMS was completed and implemented across RTX in 2011 with the aim of developing a standardised multi-commodity database that would enable geoscientists, wherever they are in the world, to access historical information and capture high-quality geochemistry and drilling data to help them make more informed decisions.



Leadership

These projects and the teams that support them “have advanced the way we, as geologists, are able to collect and access high quality data and existing information; our systems and close collaboration with the local D&IM team allow us to do what we do best - analyse and interpret data to make informed decisions”.

One of RTX's toughest challenges has been connecting its employees who are spread around the globe in more than 20 countries and who need to collaborate frequently on projects.



The often-complex projects in Data & Information Management and IS&T are helping Rio Tinto to adopt more and better knowledge-management technology in order to cut costs and work more efficiently and effectively.

More broadly, they are helping Rio Tinto to view mineral exploration as a knowledge-management business, and data as a corporate asset to be grown, protected and used to identify future project opportunities.

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