



Improving Dataset Quality through Metadata

Jo Cook | Astun Technology

Speaker notes

No notes on this slide.

Who are Astun Technology?

Speaker notes

Our work focuses on GeoNetwork Open Source, but also metadata in general and the wider geospatial standards infrastructure



Our Starting Point

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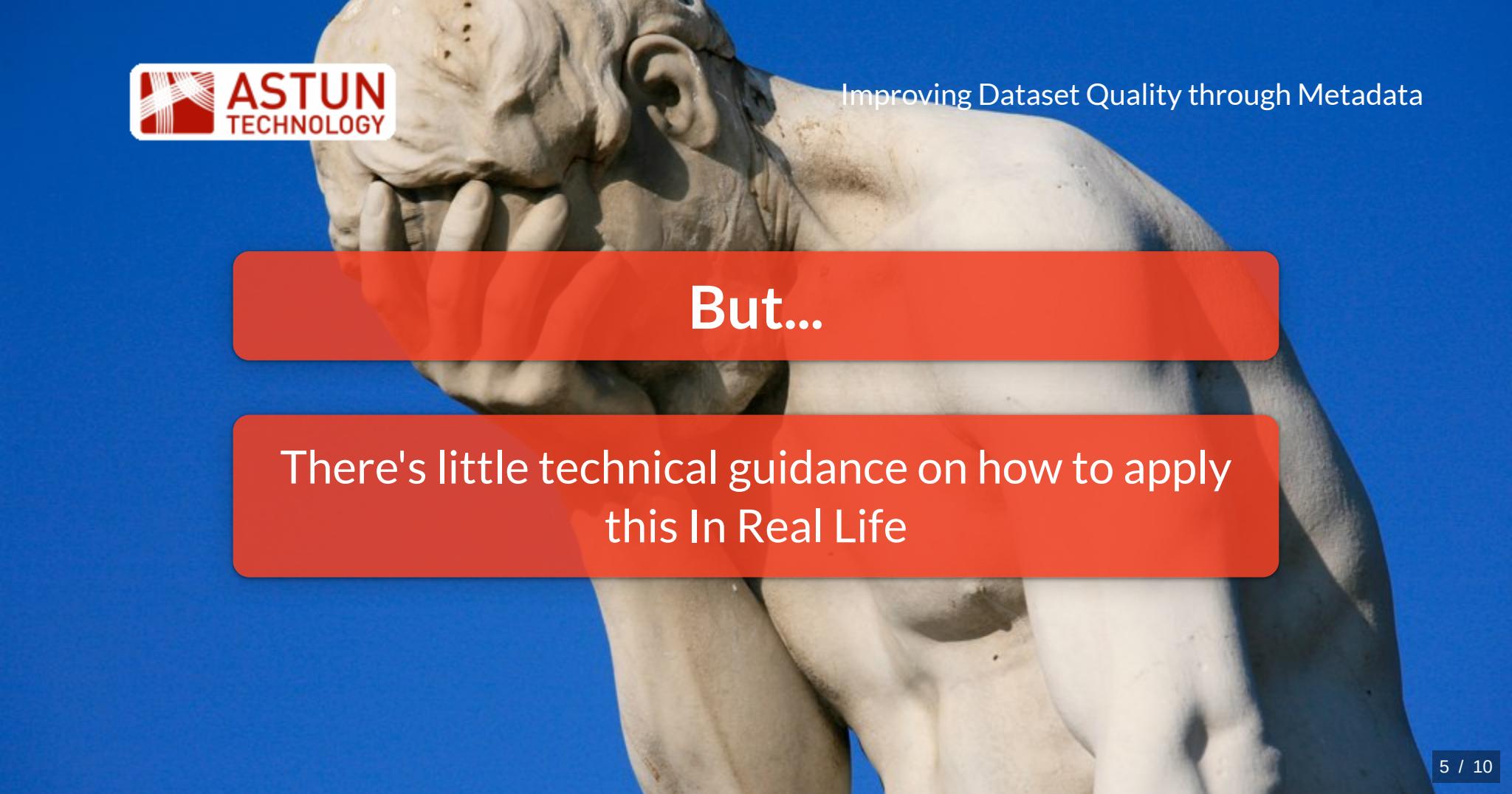
People now understand the importance of data sharing and metadata, so we can now focus on improving what we share. Government Geospatial Commission, Data Quality Hub, EU Metadata Quality Assessment etc provide guidance

Everyone wants to make Data FAIR



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Data and Metadata Quality both contribute to Data Discovery and the FAIR principles. For example, if titles are too long or too short, abstracts/descriptions are truncated , duplicated records and so on, this can cause indexed records to be down-ranked and therefore make them less findable



But...

There's little technical guidance on how to apply
this In Real Life

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Encoding data quality and lineage in metadata is technically difficult. Standards documents cost money and are not the easiest to understand

Some Practical Fixes...

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Recent innovations we've made in the catalogues we support to make all of this easier

Gemini 2.3

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We've made improvements to the Gemini 2.3 plugin for Geonetwork, part funded by Scottish Government around both ease of use and machine-readability

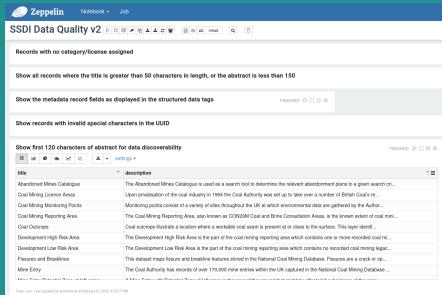
Data Quality and Lineage

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We've created snippets for the data quality elements so they can be picked from a list when editing records. We've done the same for lineage, to make it easier for people to include record more complex workflows and data lifecycles

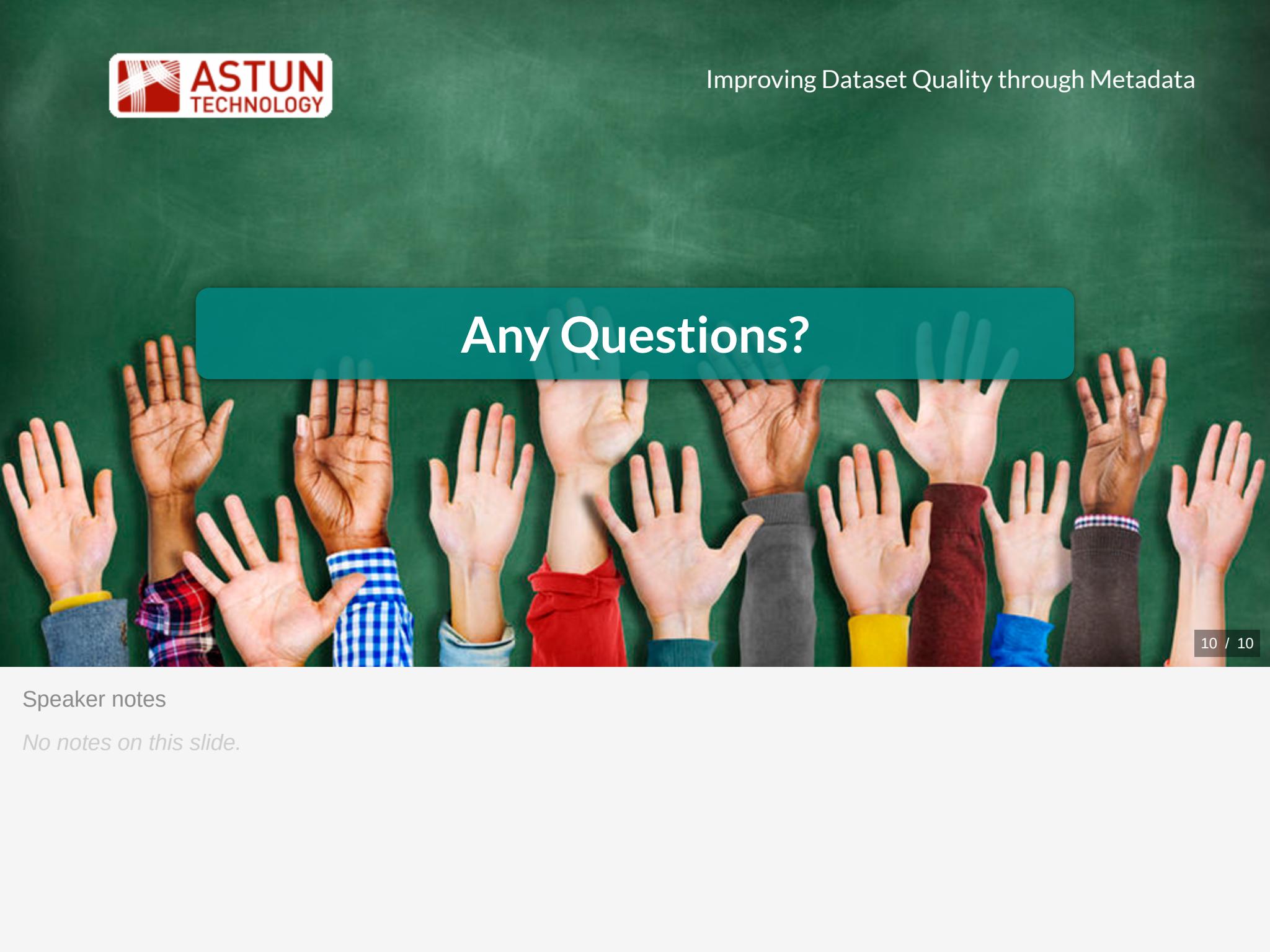
Reporting

Dashboards for SEO and Data Quality metrics



Speaker notes

There's more to come! We're developing more dashboards and reporting based on what people ask us for.



Any Questions?

Speaker notes

No notes on this slide.