
AWS
re:Invent
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ENU307

How Shell and AWS collaborated to create the Subsurface Data Universe (the OSDU Data Platform)

Kim Padeletti

Head, Energy Data Platforms
AWS

Gabriel Guerra

VP, Digital Ventures
Shell

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Agenda

Solving Shell user challenges with the Shell Subsurface Data Universe

Democratization of the data platform to OSDU Forum

Beyond the platform: Solving Shell user challenges with Studio X

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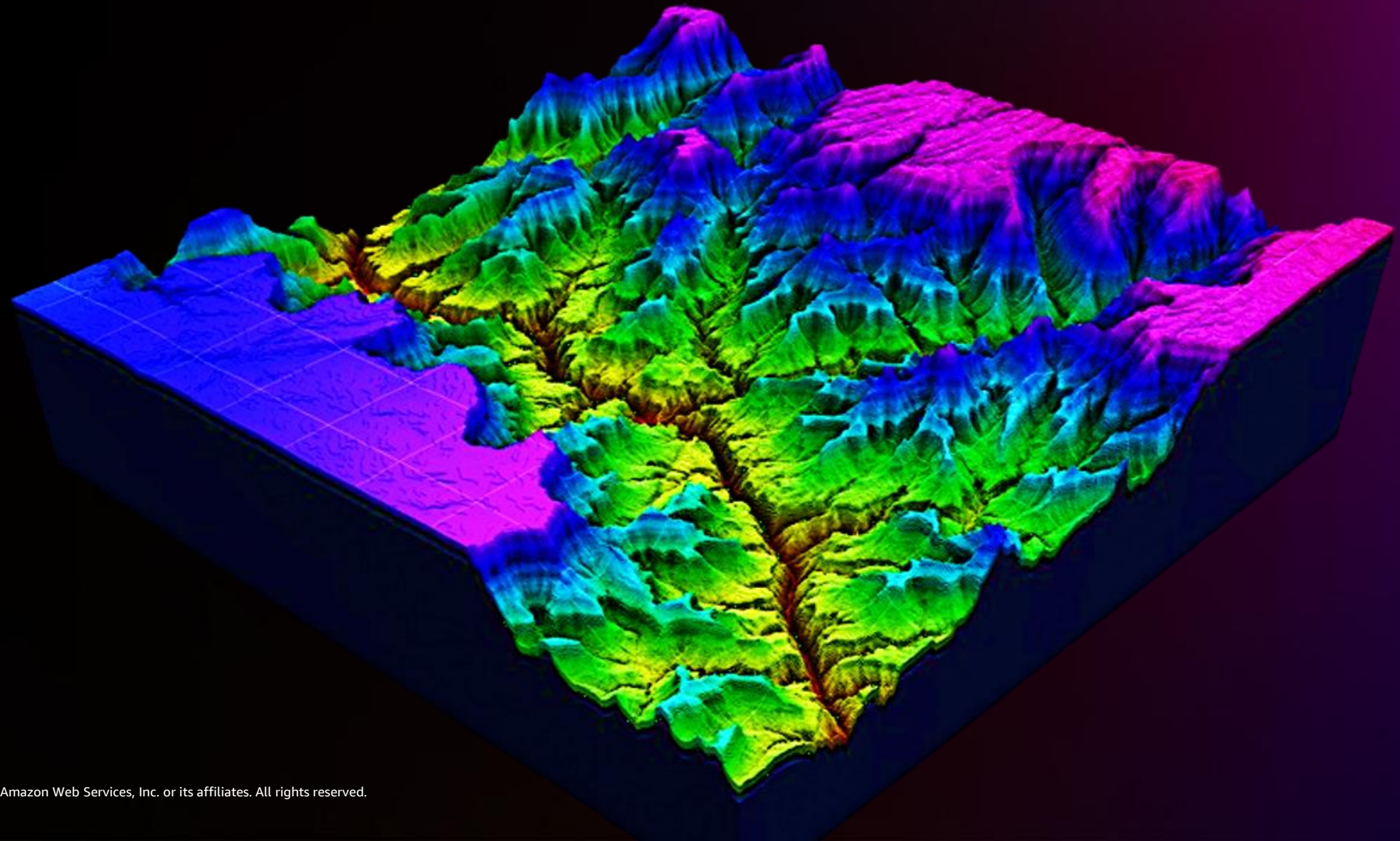
"We realized we could contribute all of those key components of that internet operating system, and with that we went to pursue this much broader mission, which is AWS today, which is really to allow any organization or company or any developer to run their technology applications on top of our technology infrastructure platform."

Andy Jassy

President and CEO, Amazon

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The Shell Data Universe (SDU)



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What is the OSDU Forum? An Energy Platform

A TOOL AND A JOURNEY







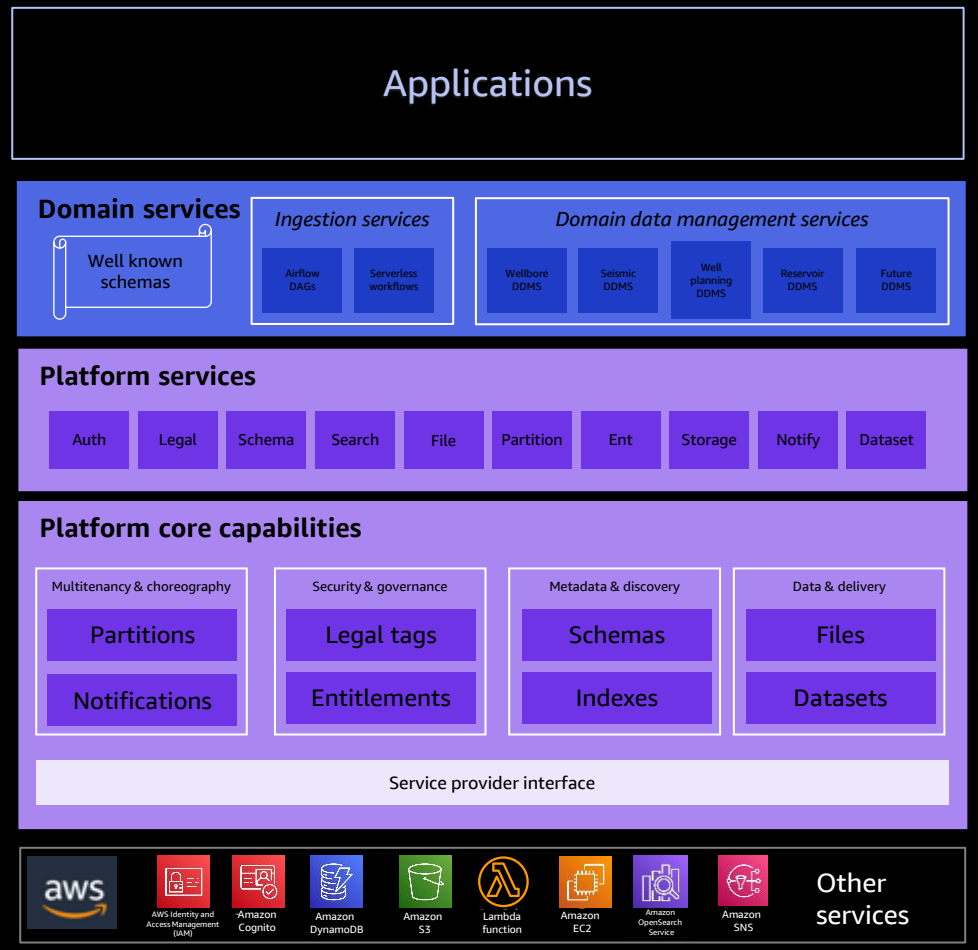
2021 2022 2023

Industry-wide democratization

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Platform-as-a-service (PaaS) and software-as-a-service (SaaS)

AWS OSDU Data Platform

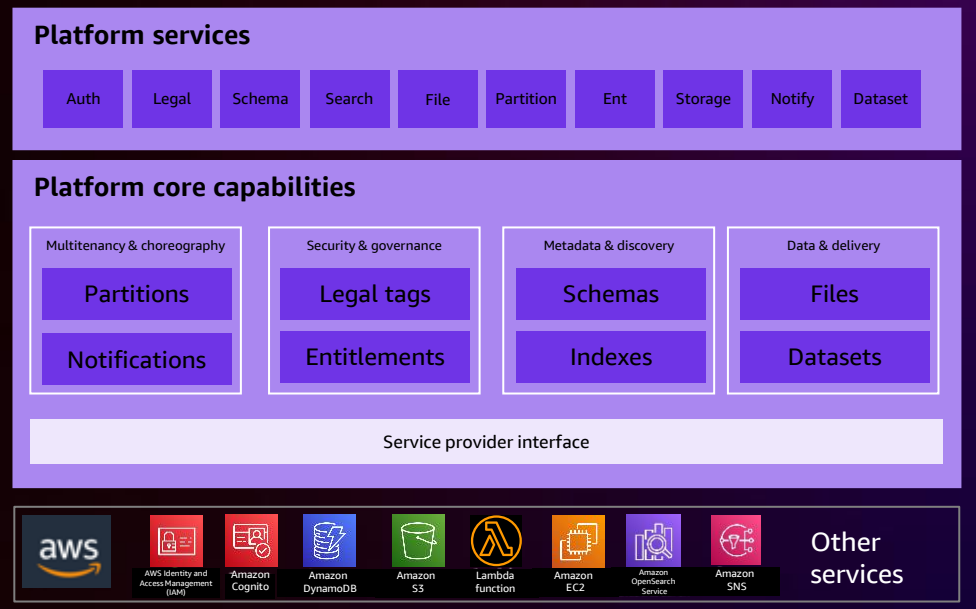


Manifest ingestion

Energy Data Catalog (eDC)

Data is ingested 10x faster than Airflow data ingestion

Enables and supports the development of new functionality



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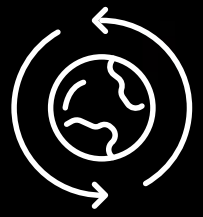
Studio X: Powered by Shell

RE:INVENTING EXPLORATION



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Summary



An open, democratized approach leads to enabling the entire value chain



PaaS and SaaS lead to new innovation opportunities and faster outcomes



Studio X is just one example of what’s possible

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While at re:Invent

ENU202 Modernizing enterprise architectures, featuring ExxonMobil

ENU203 Energy upstream innovation: bpx on AWS

ENU306 Cutting carbon where it matters the most: How SDG&E innovates with AWS

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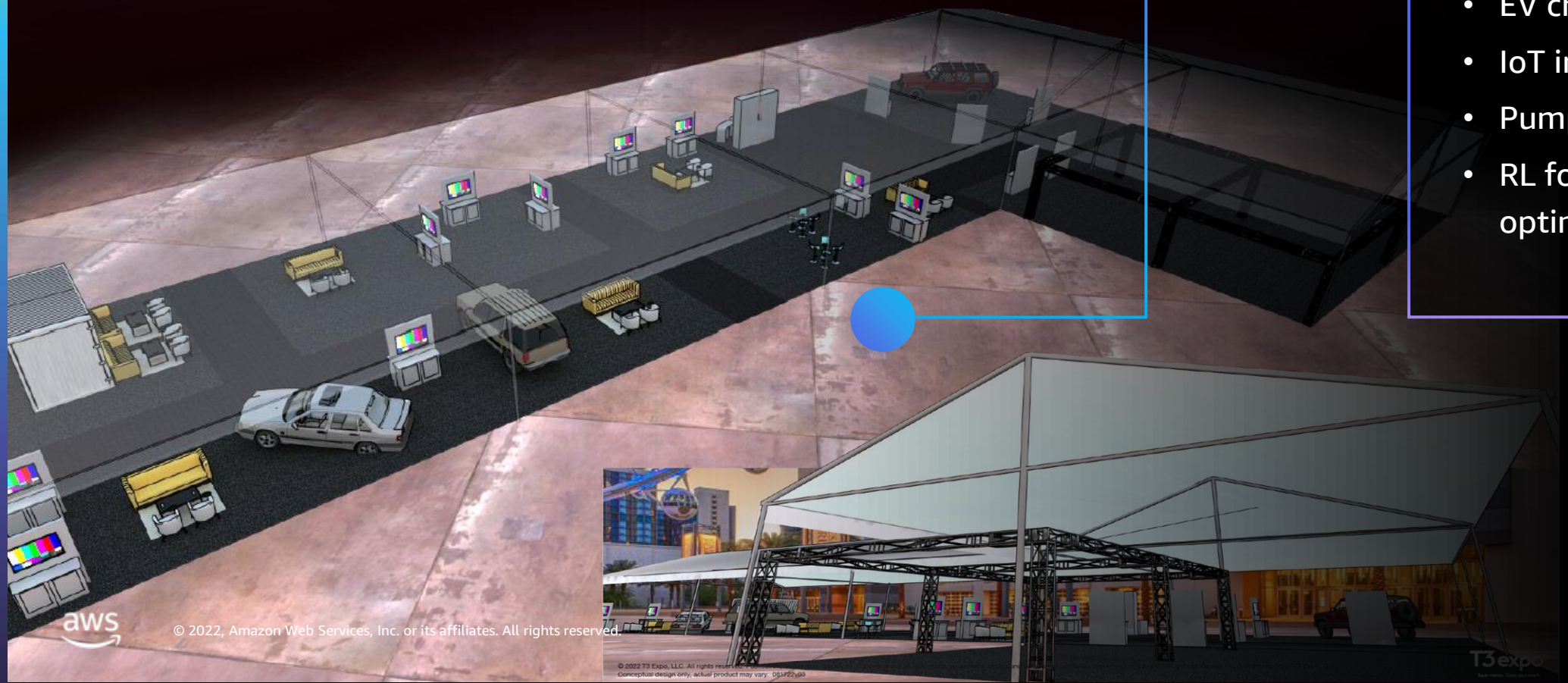
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Outdoor public space

Monday through Thursday 9:00 AM to 5:00 PM

Innovation Showcase

- Connected worker
- EV charging
- IoT in a box
- Pumpjacks
- RL for artificial lift optimization



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Thank you!

Kim Padeletti
osdu-on-aws@amazon.com
linkedin.com/in/kimberlythames/

Gabriel Guerra



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