



EUG : Key Reflection For Digitalization Of Upstream Business

GPC Workshop

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10th October 2022

Outline



EGYPT UPSTREAM GATEWAY
MINISTRY OF PETROLEUM & MINERAL RESOURCES

- ❑ Introduction
- ❑ Challenges Before EUG
- ❑ EUG Digital Geo-Solutions platform
 - Virtual Data Room
 - Online Data Delivery
 - Online Backup and entitled accessibility
- ❑ Digital Bidround Success Story
- ❑ Summary

Vision: “Optimizing the value of E&P data by attracting global investment to the upstream sector to boost production”

Mission: “Build a fully integrated platform for Egypt to enable seamless data access and offer the opportunity to explore new plays, prospects and evaluate basins’ potential”



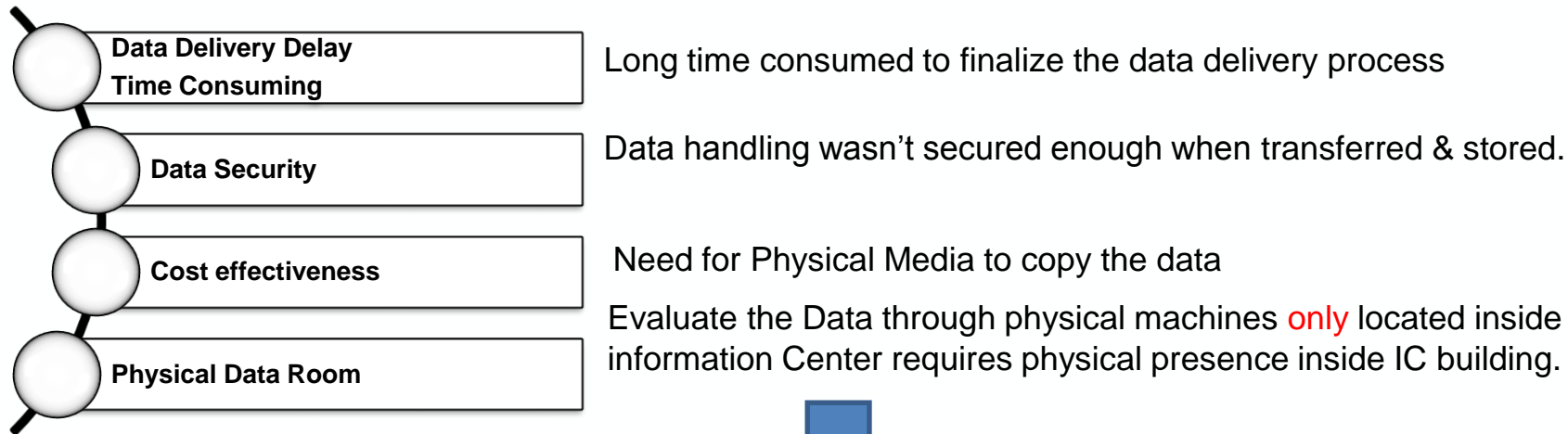
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Challenges Before EUG



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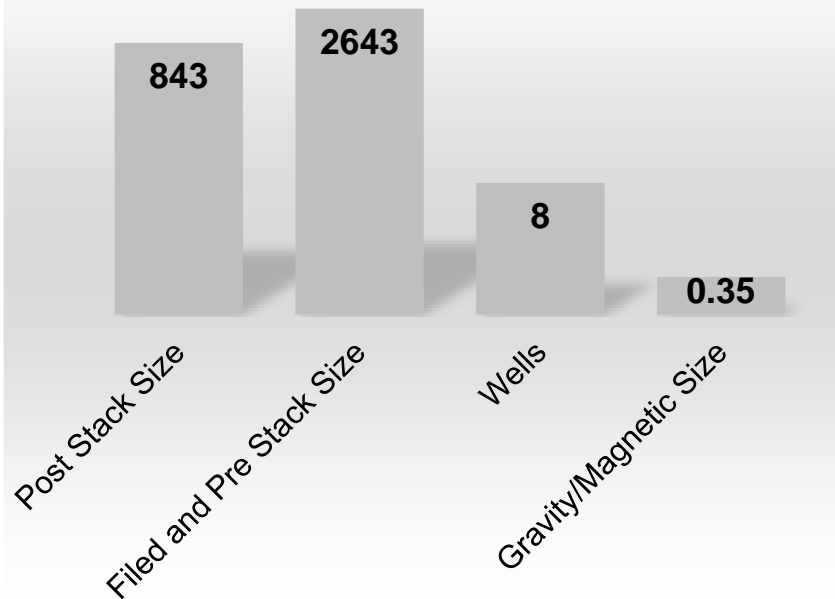
Business Impact

Transcription and Data Loading Status

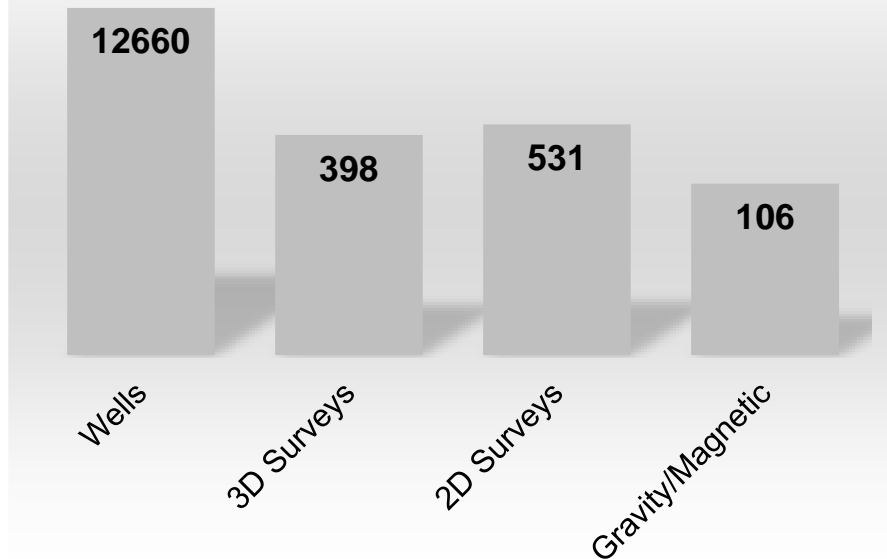


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Data Size (about 3.6 PB)



Data Types



Digital Geo-Solution Platform



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Virtual Data Room (VDR)

Online Data Delivery

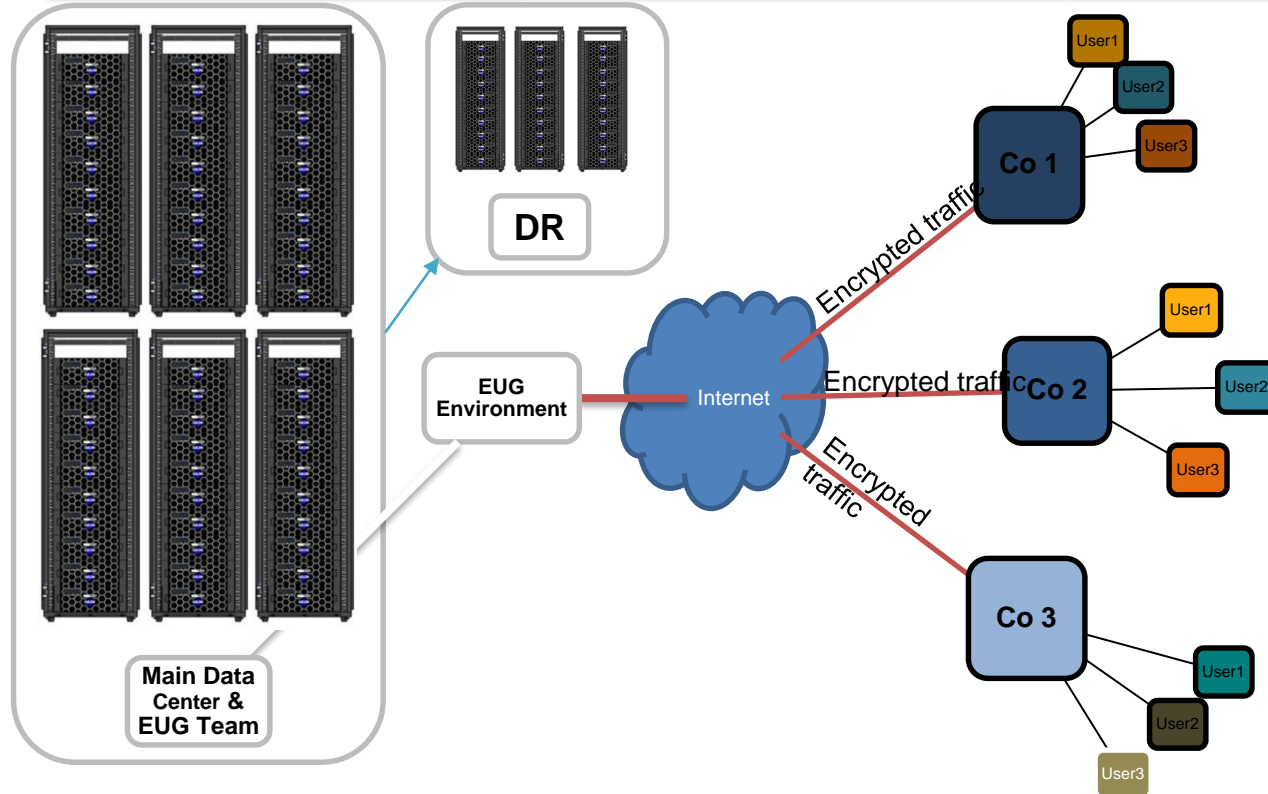
Portal Dashboard & Services

Online Backup and entitled accessibility

VDR concept & Infrastructure



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VDR Booking



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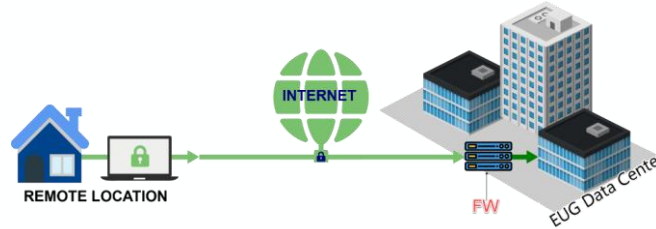
[illegible]

VDR's Value -Impact



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- Increased Exposure to attract more investment
- Ease of access
- Optimize Cost and Time.
- Increased the security & HSE



Online Data Delivery

Upload / Download for Data is easier / more secured.

Create New Upload RequestPrint Close Window

Fields marked as * are required

General Information

Upload ID

Auto

Status

Ready To Dispatch

Requestor

aabdelaziz

Dispatch Date *

click to show datepicker

Comments

Company

EUG

Country of Data

Egypt

Upload Method

ONLINE(FTP)

Data Details (Transmittal)*

[Click here to add details of Data](#)

EUG Loading Template

EUG_Well_Data_Loading_Template.xlsx

EUG_Seismic_Data_Loading_Template.xlsx

EUG_Geophysicals_Information_Trace_Header_Index.xlsx

EUG_SEGD_Tapes_Information_Database_Example.xlsx

Data Standards

EUG_Seismic_Data_Standard.pdf

EUG_Seismic_Data_QC.pdf

EUG_Well_Data_Standard.pdf

EUG Seismic Data Tree

EUG Well Data Tree

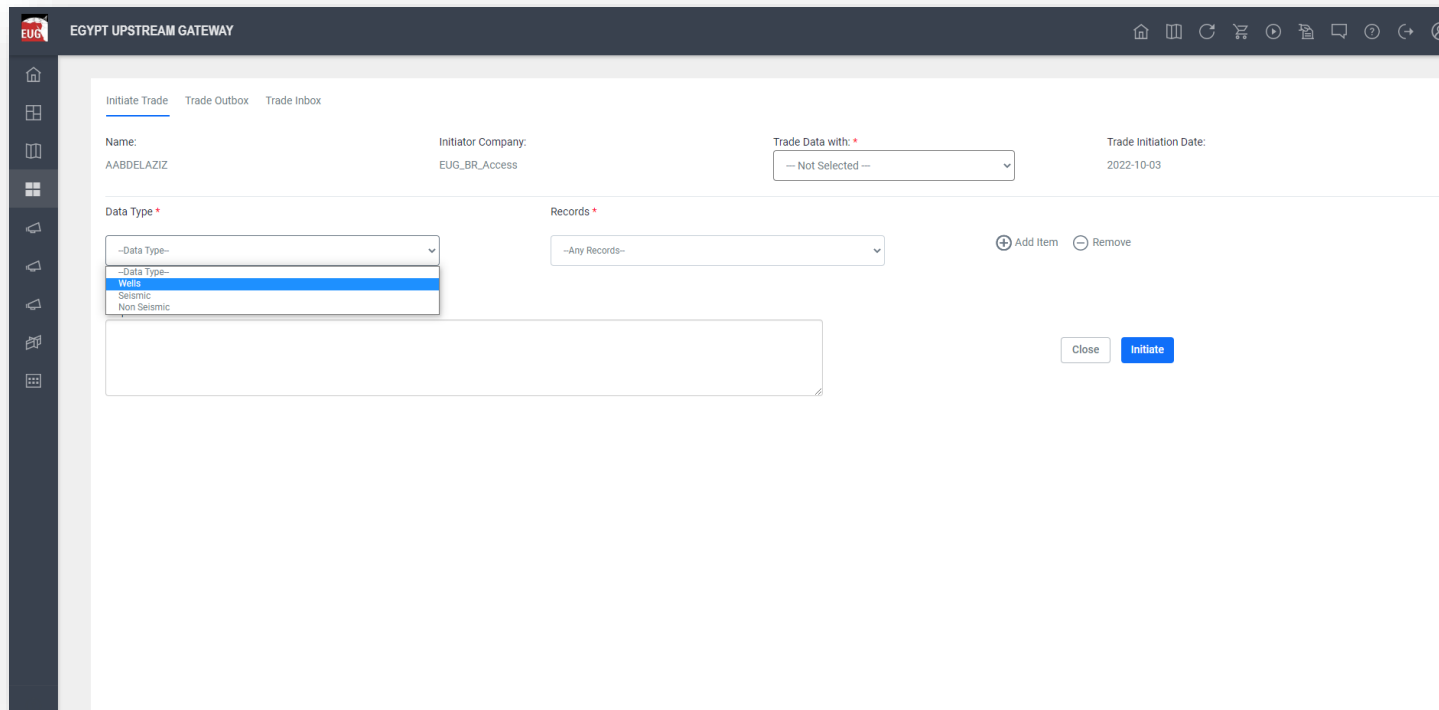
Please make sure to upload the loading template for your dataset along with data in ONLINE/OFFLINE media.
Please make sure that EUG Data Standards are followed while uploading data.

Close

Save

Data Trading Module

For online Data Trading the ability to list non-legacy data available for trading and search for desired data using keywords.



The screenshot displays the 'EGYPT UPSTREAM GATEWAY' interface for the Data Trading Module. The top navigation bar includes the EUG logo and the text 'EGYPT UPSTREAM GATEWAY'. Below this, a sidebar on the left contains icons for home, list, table, and other functions. The main content area features three tabs: 'Initiate Trade' (selected), 'Trade Outbox', and 'Trade Inbox'. The 'Initiate Trade' tab contains the following fields and controls:

- Name:** AABDELAZIZ
- Initiator Company:** EUQ_BR_Access
- Trade Data with:** A dropdown menu currently showing '-- Not Selected --'.
- Trade Initiation Date:** 2022-10-03
- Data Type:** A dropdown menu with options: '-Data Type-', '-Data Type-', 'Wells' (highlighted), 'Seismic', and 'Non Seismic'.
- Records:** A dropdown menu currently showing '--Any Records--'.
- Buttons:** '+ Add Item' and '- Remove'.
- Footer Buttons:** 'Close' and 'Initiate'.

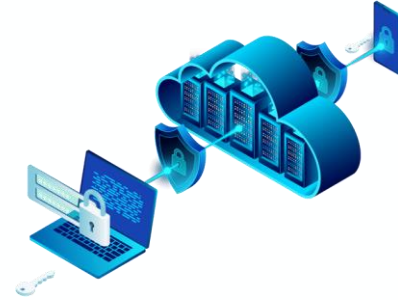


Online Data Delivery Value



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- Upload And download through EUG Platform securely



- Time & Cost Optimization



- Spatial Selection of AOI data and delivered



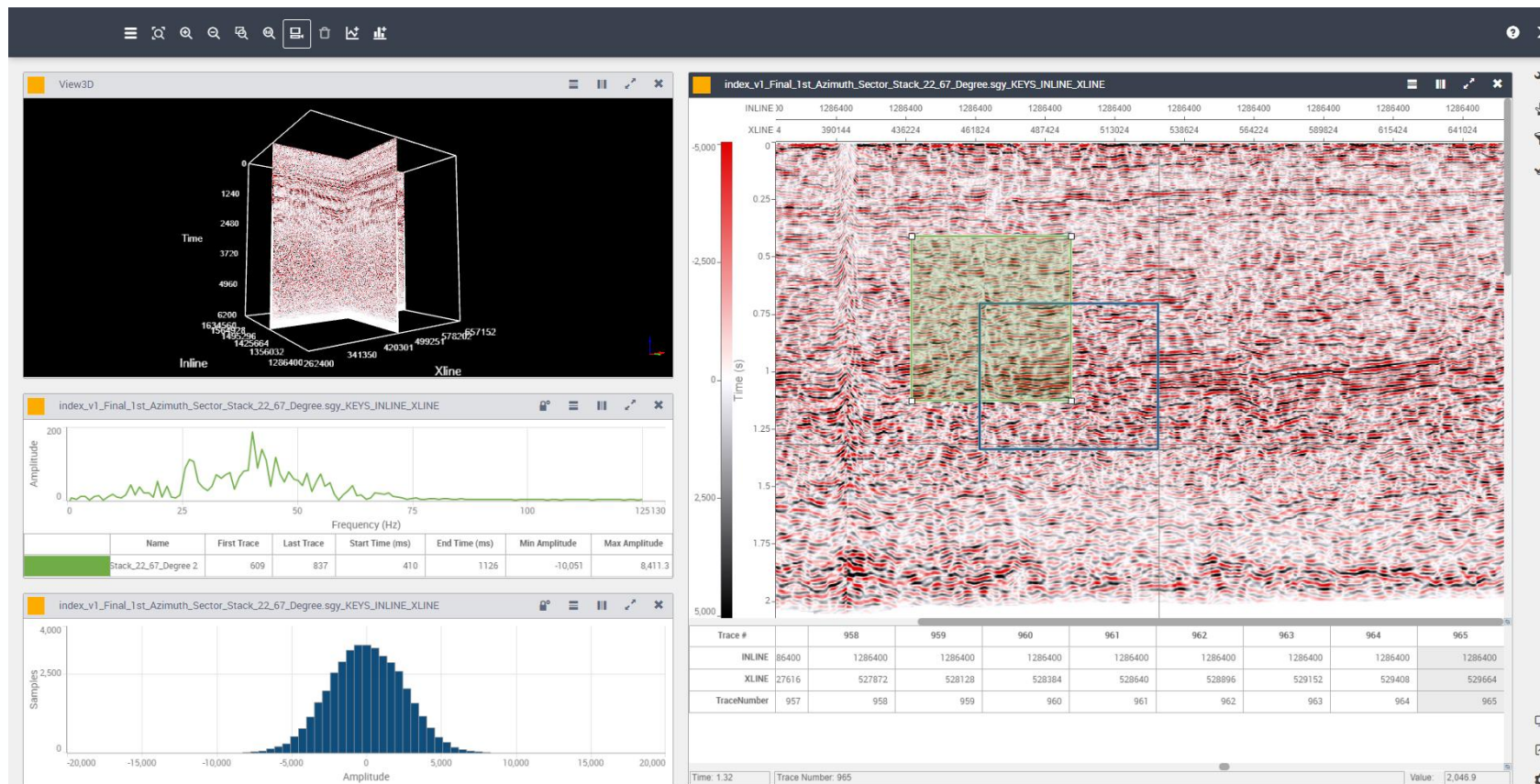
- Impact on Cost recovery process



Data Visualization Wells/Seismic



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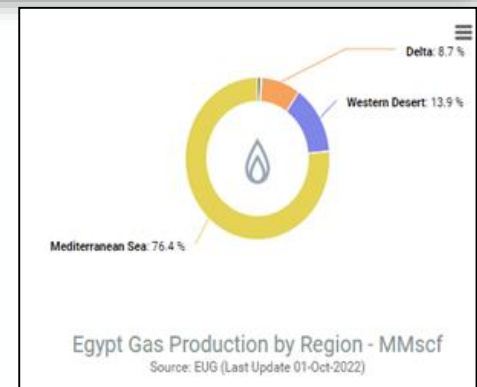
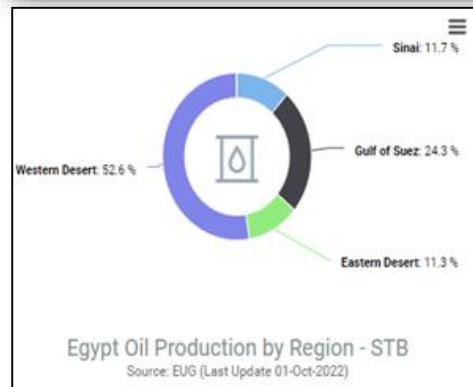
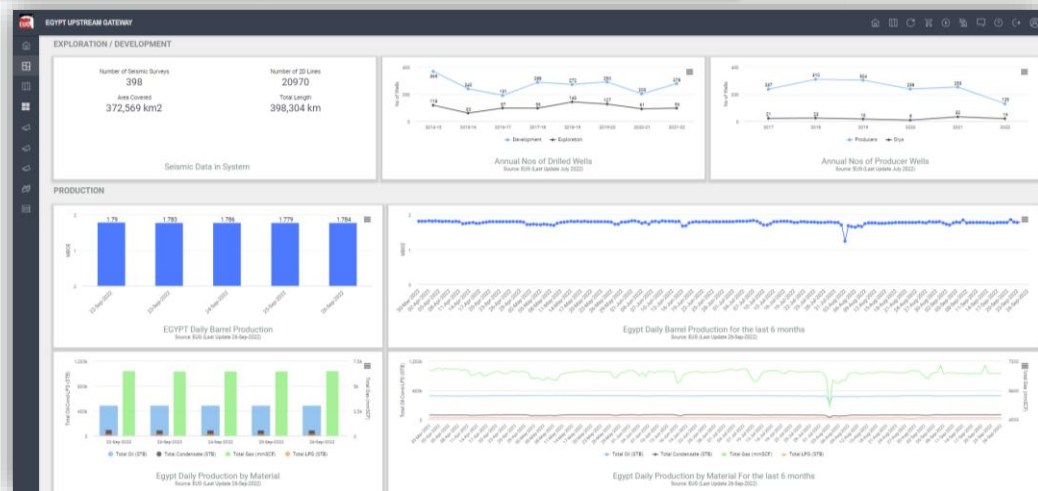


Exploration & Production Dashboard



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Better Decision making with increased insights through the dashboard of the portal.

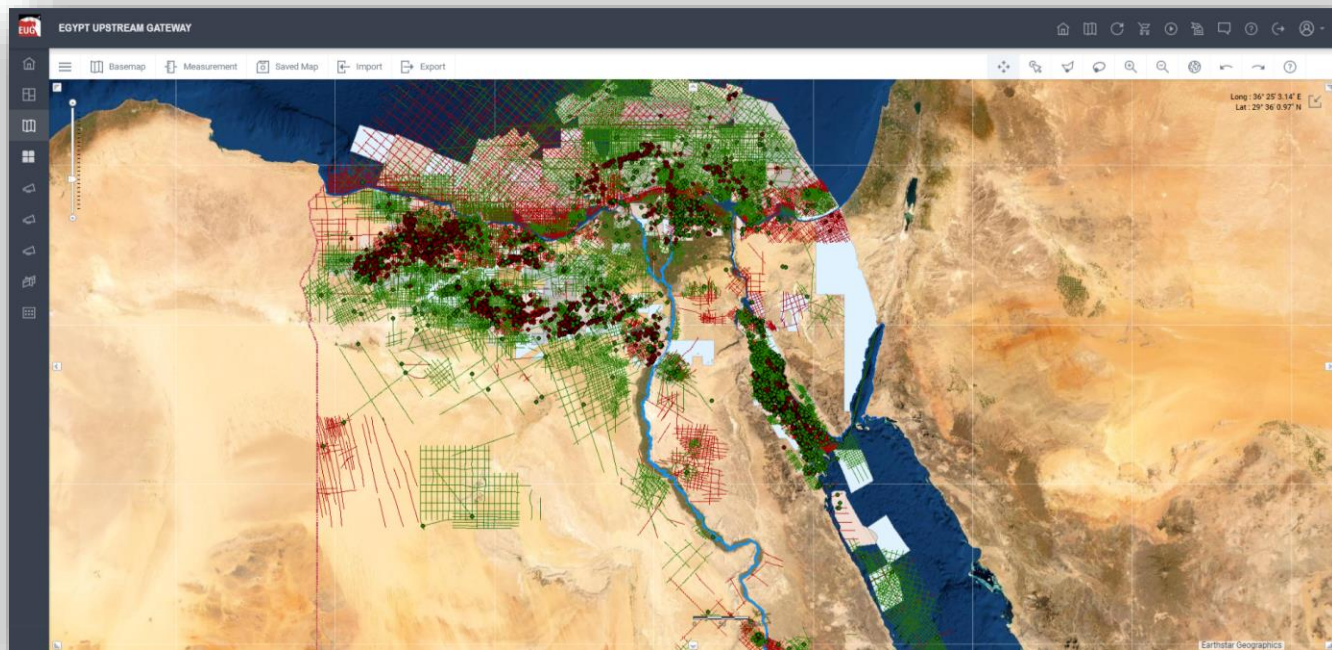


Layered Portal Map



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Multi-layered
map
displaying
2D/3D, wells,
concessions,
.....etc.



Data overview



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Technical Sheet Logs(8) Production(0) Cuttings(22) Cores(3) Document(15) Data Submission Completeness Inventory

Print Close window

Well Name : EL QAA-1

Well Status : PLUGGED AND ABANDONED

UWI : EL QAA-01

Borehole Name : EL QAA-1

Operator : CONOCO

Spud Date : 12-Jan-1982

DRILLER_TD_MD : 1237.49

FORMATION_AT_TD :

Latitude : 28.240639

Longitude : 33.692436

Well Legacy Flag : Y

Borehole Type : EXPLORATORY



PRODUCTION SUMMARY

 To get full access please purchase the data.

 To get full access please purchase the data.

EUG Membership benefits & offered Services



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Data trade



Cost Recovery
approval



Data purchase



Access Trusted
Data



Online Data
Visualization



Backup Data



Data search
capabilities



Secure Data



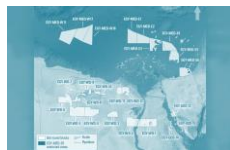
Fast Access



Global Access
Via EUG Portal



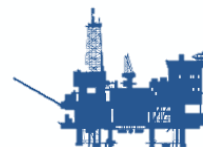
Announcement



Bid Round



Visual Data Room



Production
Dashboard

Online Backup and entitled accessibility

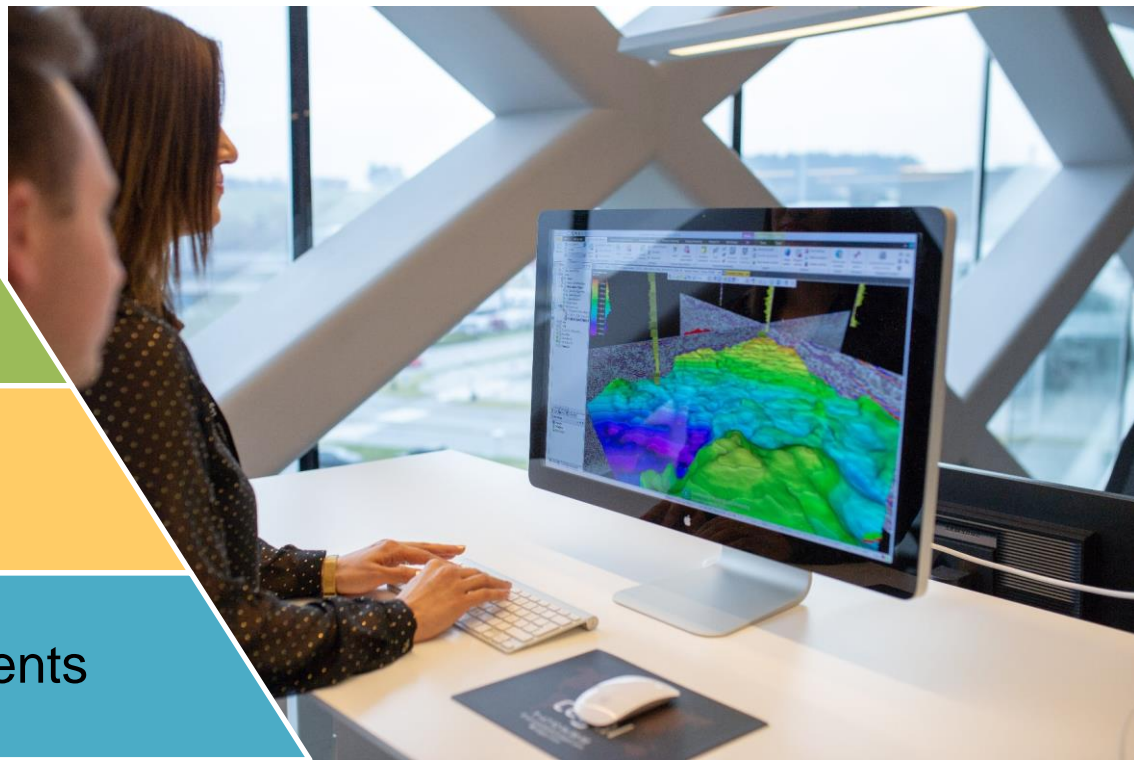
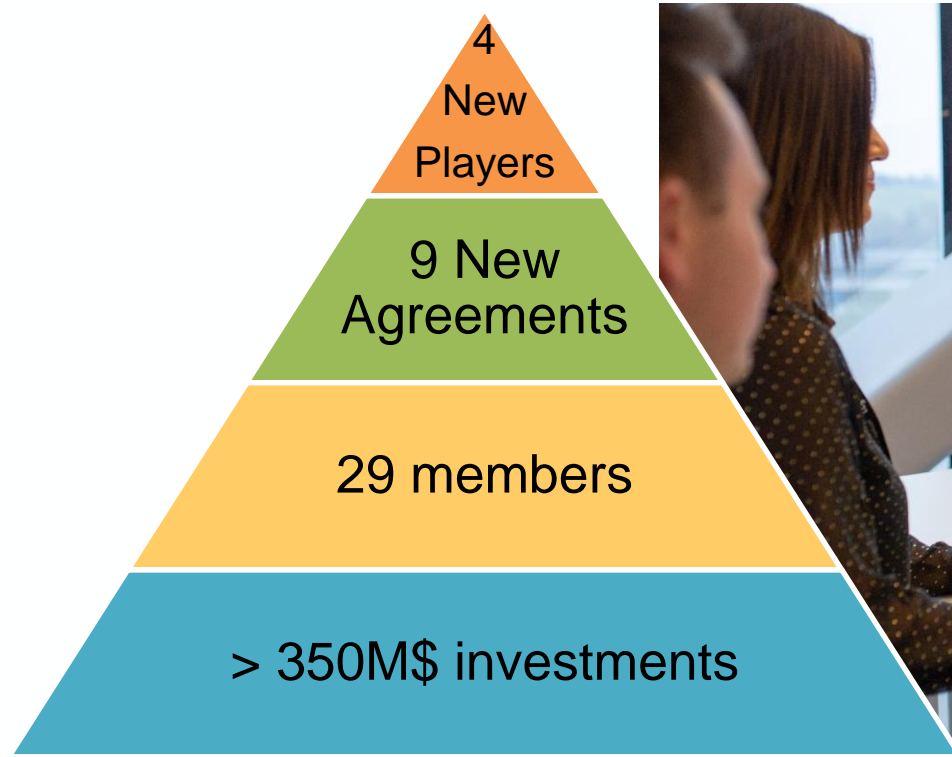
- IOCs can get Data back in case suffered any data loss on their side.
- Each IOC have the access on their entitled Data and can view & Download.



Success Story of the first Digital Bidround -2021



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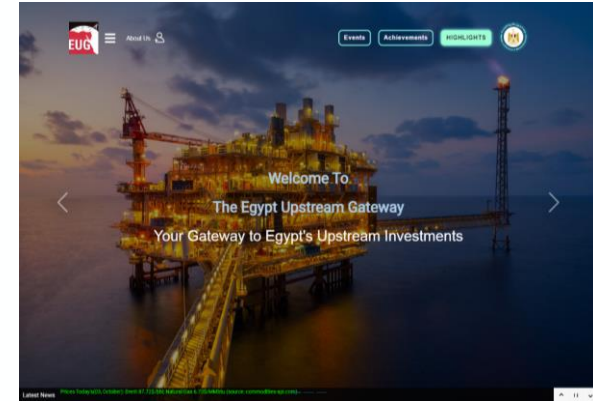


Summary



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- **EUG** is the key outcome of Sector's Modernization project
- **EUG** is fully integrated Geo-Solution Platform.
- **EUG** overcomes all historical challenges to attract more investments.
- **EUG** delivered first ever digital bidround with high success rate despite Covid 19 pandemic.
- All **Legacy E&P** data is now live on the EUG platform “ ~ 3.7 BT”



<https://eug.petroleum.gov.eg>



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