



Timor Leste Updates: An Experience Sharing From The Perspective Of The Regulatory Authority

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Autoridade Nacional do Petróleo e Mineral (ANPM) - Timor-Leste

Agenda

What have we done & what have we done it right?

What challenges are there still ahead of us on the road of building this industry as a young Institution in a young Nation?

What more do we need to do?

(ANPM Reporting lines under the VIII Constitutional Government)



MINISTERIO PETRÓLEO E MINERAIS
(EITI-s)



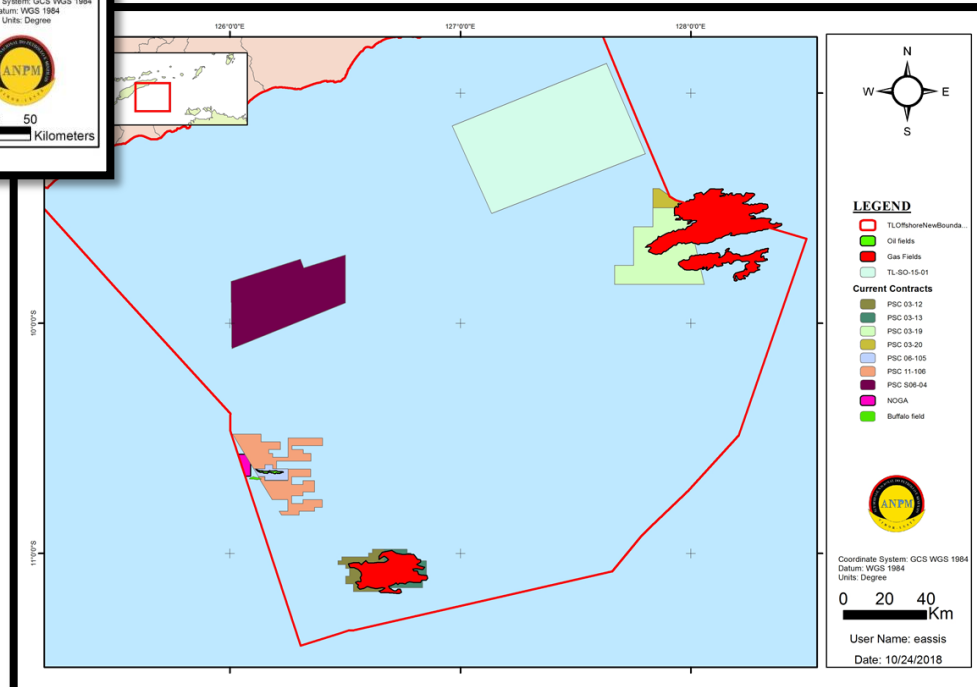
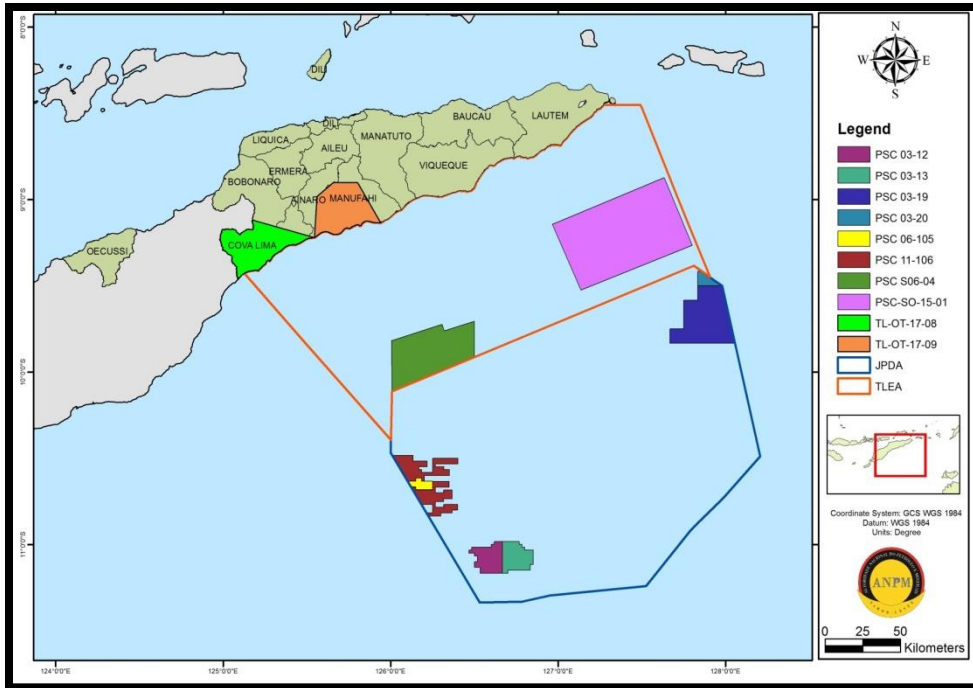
MRT -??

What we are doing?

&

what have we done it right?

Petroleum: Upstream sectors before and after the 2018 New Treaty



Legal Frameworks in place

Upstream Sectors

- Timor Sea Treaty /New Treaty
- PMC and IPMC (JPDA) – *soon to be New Decree Laws*
- Petroleum Acts (TL)
- Technical Regulations
 - Offshore
 - Onshore recently approved at CoM - yet to be sent to the PR.
- Petroleum Fund Law
- Petroleum Taxation Law

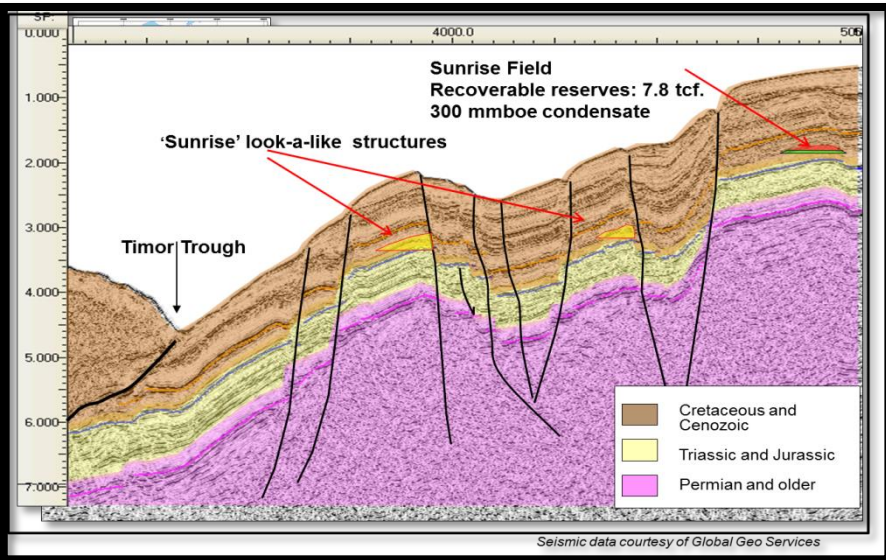
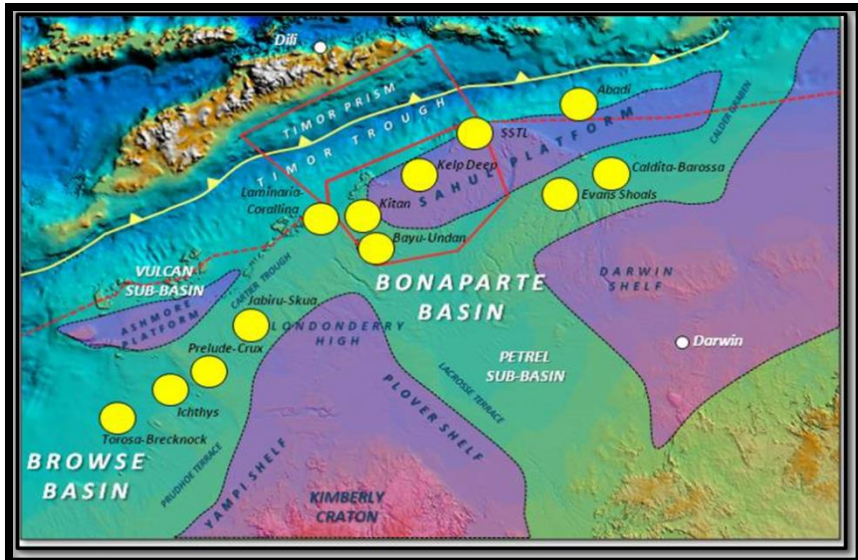
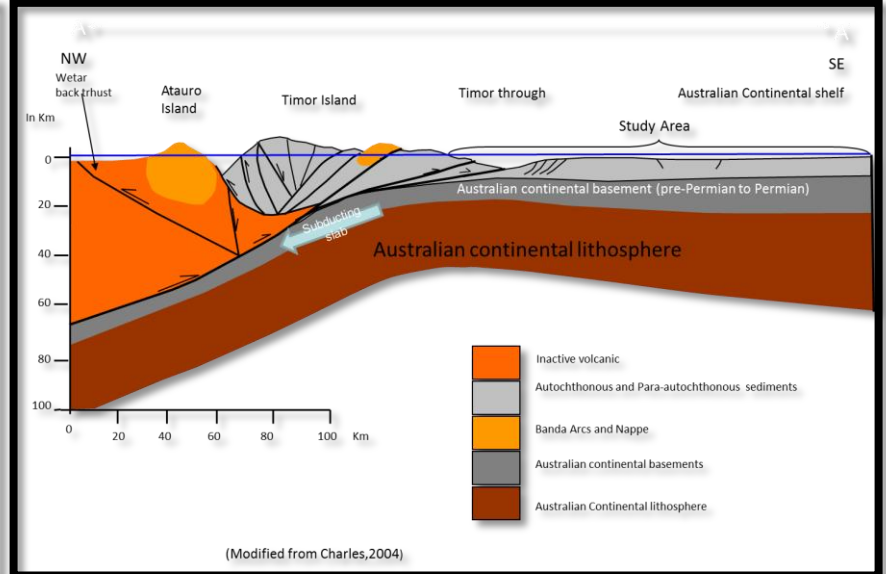
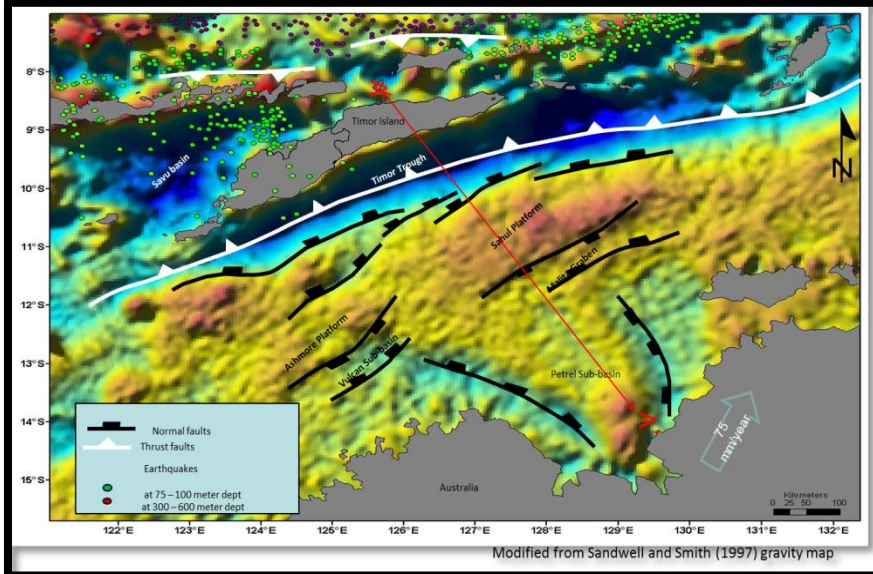
Downstream Sectors

- Downstream Decree Law
 - Technical Regulations
 - Administrative Regulations
 - Regulations on Fuel Trading and Fuel Storage
 - Regulation Storage Facilities

Mineral Sectors

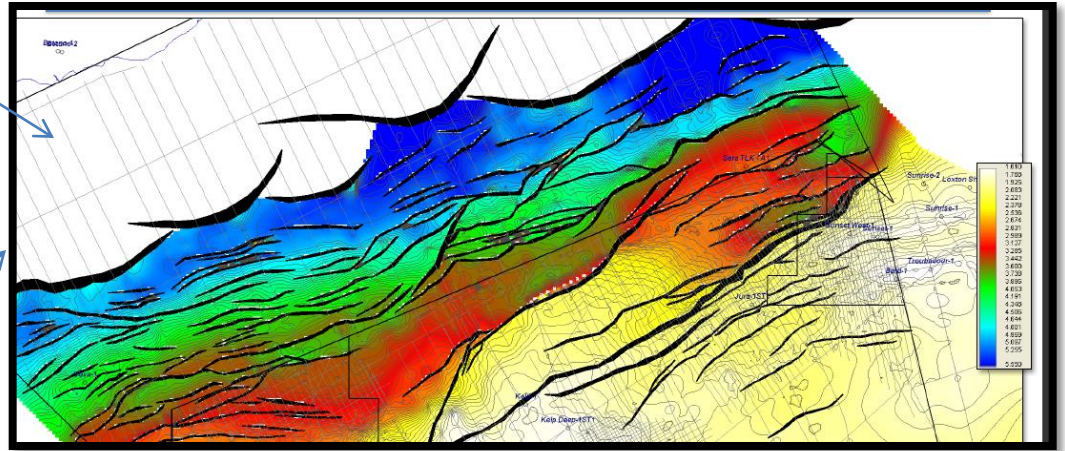
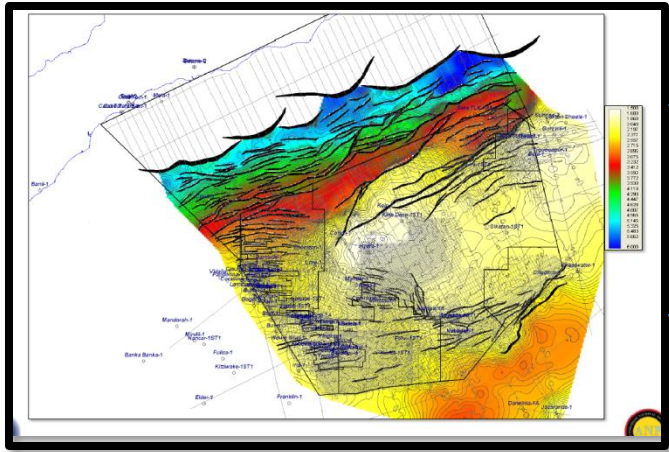
- Ministerial Diploma No.64/2016
 - (Licensing for Constructions Materials)
- Mining Code (draft to be discussed at CoM)

Regional overview of petroleum prospectivities

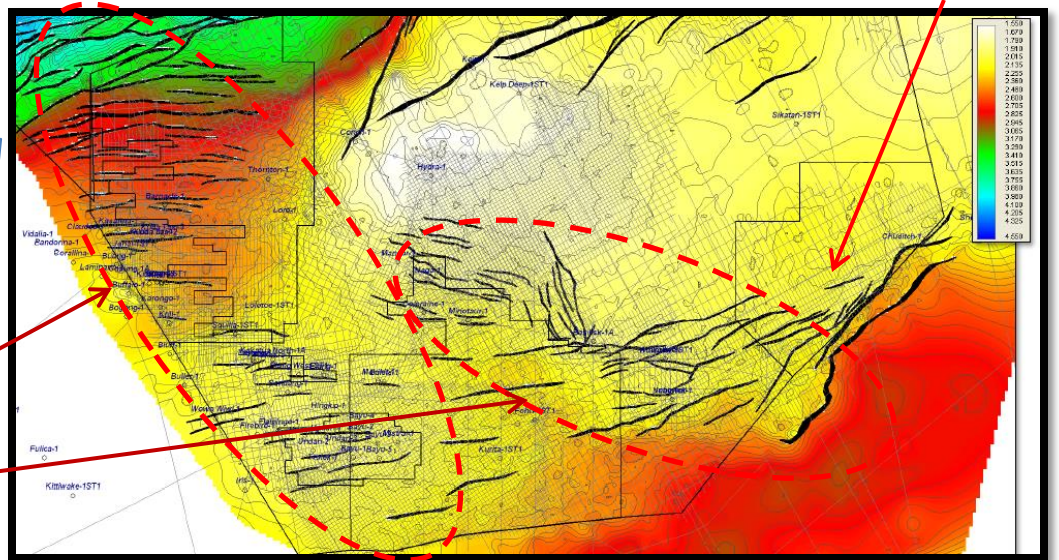


Base Aptian Structural map

This structural distributions show some good fault closures, which indicate some potential plays and leads.

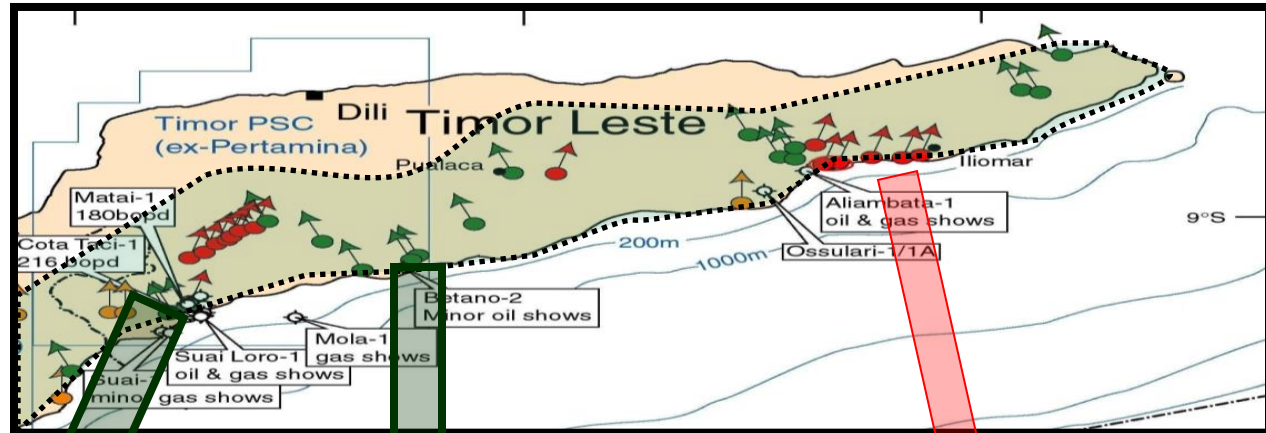


Southern part

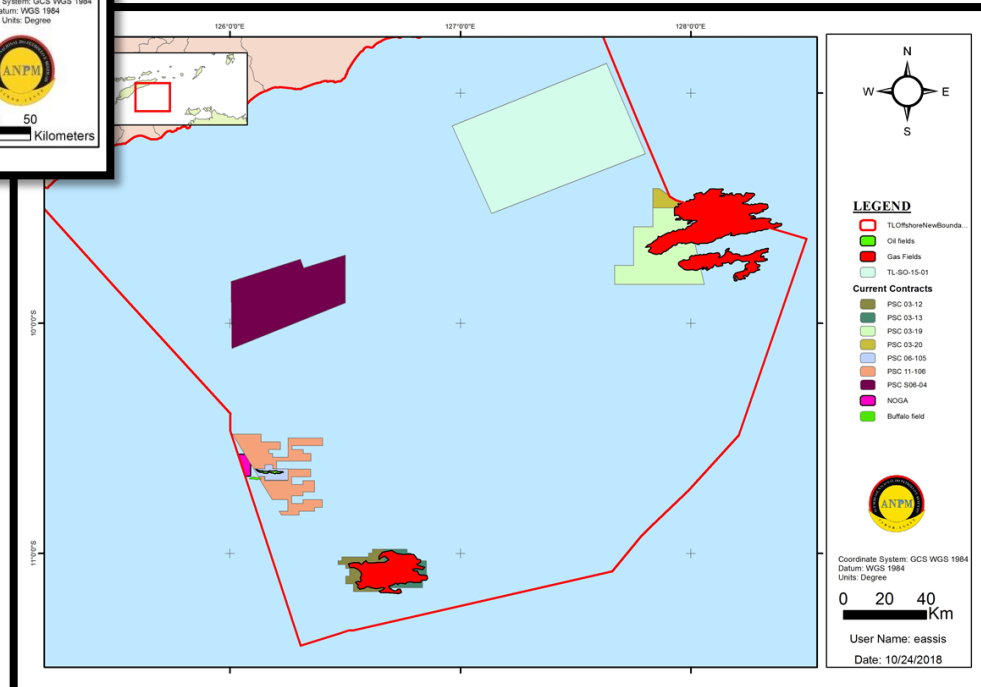
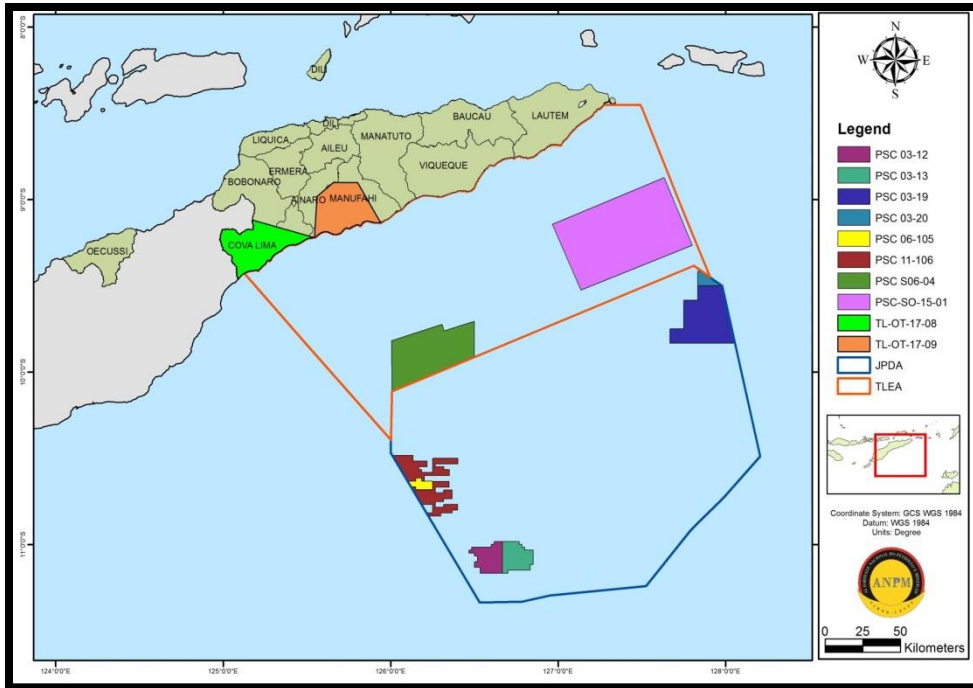


Concentrated Structural distribution in the Western and SSW part of the study area.

Looking into the Onshore Potentials



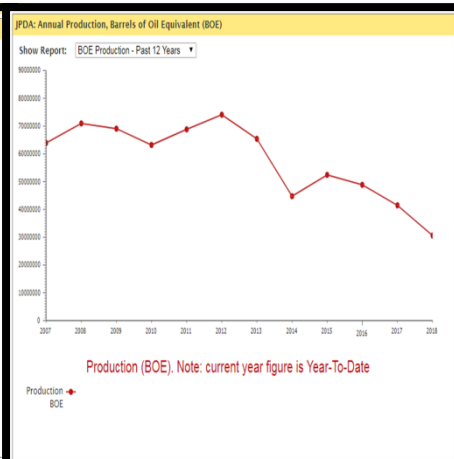
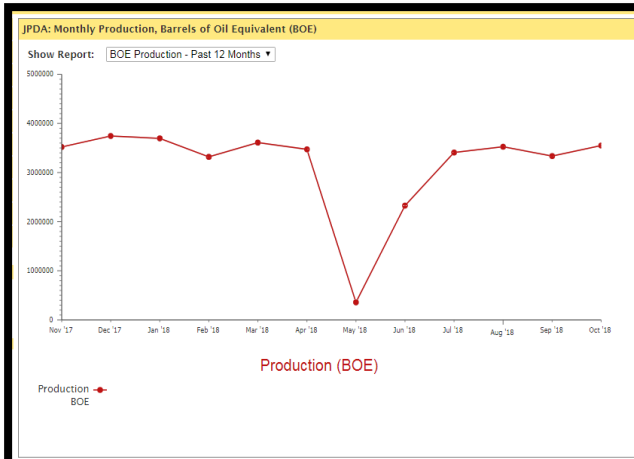
Petroleum: Upstream sectors before and after the 2018 New Treaty



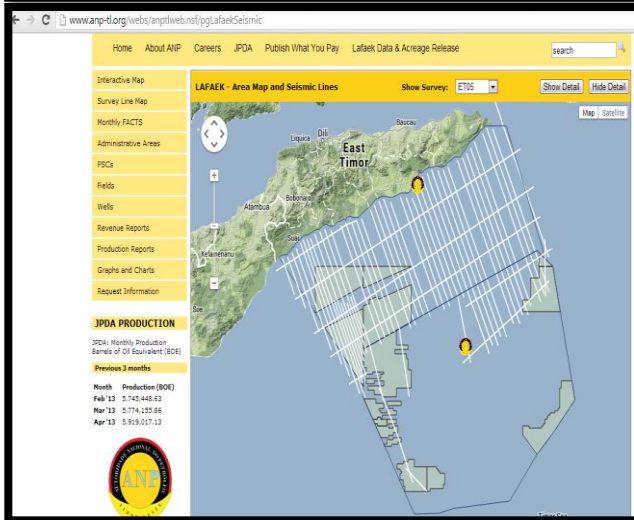
Recent onshore PSCs seismic survey activities



Transparencies and accountability to the public



	Total Net FTP & Profit Oil Received	Total Net FTP & Profit Oil Distributed	Timor-Leste	Australia
Total FTP 2000-2004	56,863,856.38	56,863,856.38	45,872,315.94	10,991,540.44****
Jan 2005	4,876,842.64			
Feb 2005	3,983,996.67	4,876,842.64	4,389,158.38	487,684.26
Mar 2005	6,698,198.71	3,983,996.67	3,585,597.00	398,399.67
Apr 2005	6,849,520.03	6,698,198.71	7828378.84	869,819.87
May 2005	1,503,421.12	6,849,520.03	6,164,568.01	684,952.00
Jun 2005	4,099,845.92	1,503,421.12	1,353,079.01	150,342.11
Jul 2005	6,057,830.99	4,099,845.92	3,689,861.33	409,984.59
Aug 2005	6,949,108.37	6,057,830.99	5,452,047.89	605,783.10
Sep 2005	9,476,264.50	6,949,108.37	6,254,197.53	694,910.84
Oct 2005	9,793,794.67	9,476,264.50	8,528,638.05	947,626.45
Nov 2005	8,216,632.59	9,793,794.67	8,814,415.20	979,379.47



www.aip-dog.org/.../lafaekWellList

Home About AIP Careers Publish What You Pay Lafaek Data & Acceyge Release

Interactive Map

Survey Line Map

Monthly FACTS

Administrative Areas

PSCs

Fields

Wells

Revenue Reports

Production Reports

Graphs and Charts

Request Information

JPDA PRODUCTION

JPDA: Monthly Production Barrels of Oil Equivalent (BOE)

Previous 3 months

Month	Production (BOE)
Feb '13	5,745,448.03
Mar '13	5,774,125.86
Apr '13	5,919,017.13

LAFAEK Well Descriptions

Well Name	Type	Status	Field
Alamabate-1	Oil Well with Oil and Gas	Producing	
Baleo-1	Oil Well with Oil and Gas	Producing	
Baleo-1 (N Time)	Oil Well with Oil and Gas	Producing	
Baleo-1	Oil Well with Oil and Gas	Producing	Greater Sunrise
Barracade-1	Abandoned	Abandoned	
Basilisk-1/1A	Oil Well with Oil and Gas	Producing	
Baye-1	Oil Well with Oil and Gas	Producing	Beau London
Baye-2	Oil Well with Oil and Gas	Producing	Beau London
Baye-3	Oil Well with Oil and Gas	Producing	Beau London
Baye-4	Oil Well with Oil and Gas	Producing	Beau London
Baye-5	Oil Well with Oil and Gas	Producing	Beau London
Betano-1	Oil Well with Oil and Gas	Producing	

	3,957,668.43	5,998,901.56	4,615,497.33	1,383,404.23
Nov 2016	2,563,556.18	3,957,668.43	2,462,879.14	1,494,789.29
	6,525,471.08	2,563,556.18	2,264,600.09	298,956.09
Dec 2016	7,107,765.43	6,525,471.08	4,119,679.27	2,405,591.81
	5,517,756.04	7,107,765.43	6,166,696.06	941,069.37
Jan 2017	9,113,725.20	5,517,756.04	3,829,724.98	1,688,031.07
	5,553,630.01	9,113,725.20	7,724,873.01	1,388,852.19
Feb 2017	9,468,100.41	5,553,630.01	3,873,760.06	1,679,869.94
	21,810,638.03	9,468,100.41	8,518,745.13	949,355.28
Mar 2017	7,813,543.83	21,810,638.03	19,629,606.25	2,181,031.78
	18,864,900.26	7,813,543.83	7,832,189.45	781,354.38
Apr 2017	4,183,767.73	18,864,900.26	16,578,442.23	1,886,458.03
	28,657,217.96	4,183,767.73	3,765,406.96	418,360.77
May 2017	28,657,217.96	28,657,217.96	25,791,512.16	2,865,705.80
Total FTP & Profit Oil	13,540,536,389.51	13,540,536,389.51	12,164,334,307.85	1,376,202,081.80

Data and information Management

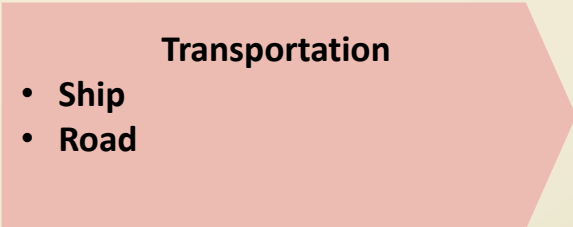
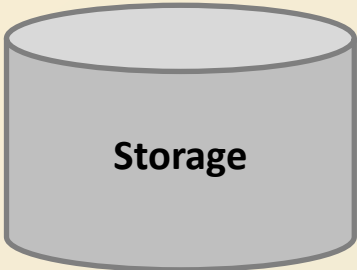
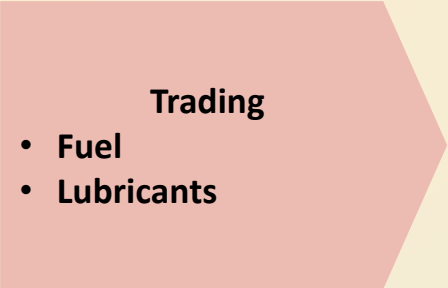
Current Downstream Sector in Timor-Leste

Trading

Storage

Transportation

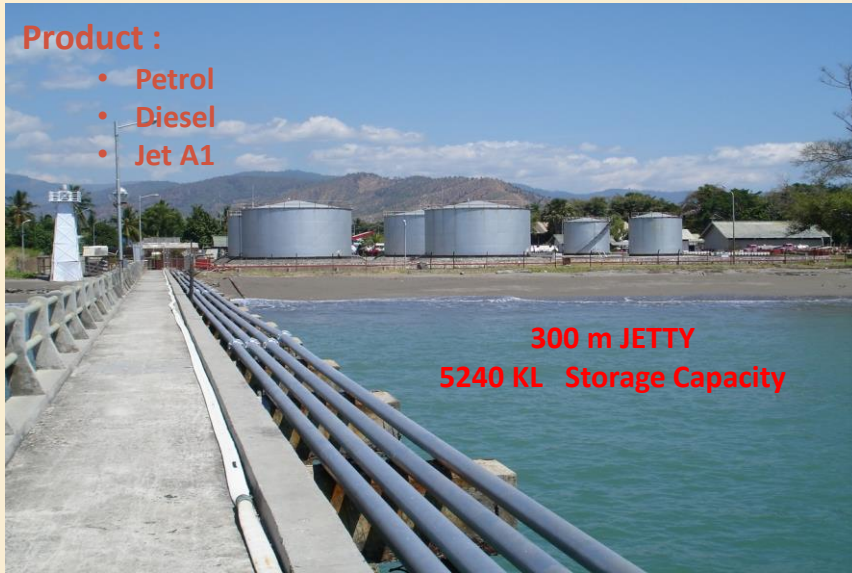
Marketing



Efforts in regulating the Downstream Sectors

Product :

- Petrol
- Diesel
- Jet A1



More than 50
Licensed Fuel
supply points
throughout
the country

Product :

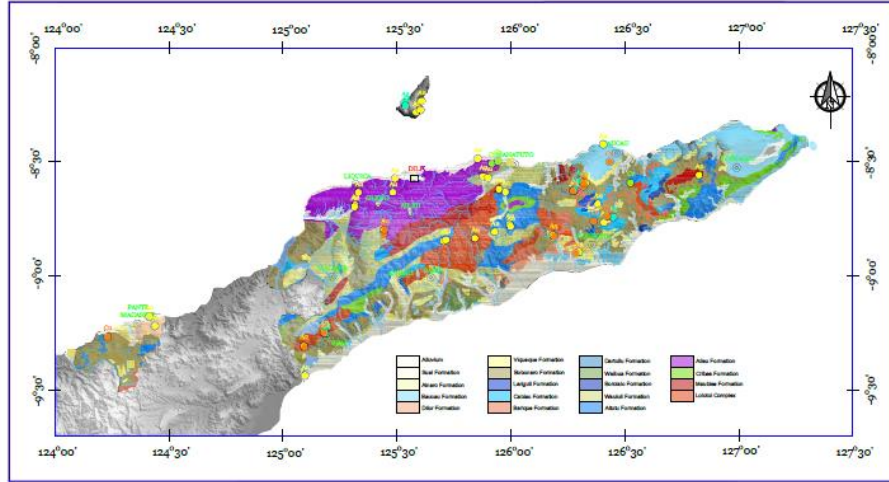
- Petrol
- Diesel
- Jet A1





Mineral Sectors

Map showing the distribution of Metallic Minerals



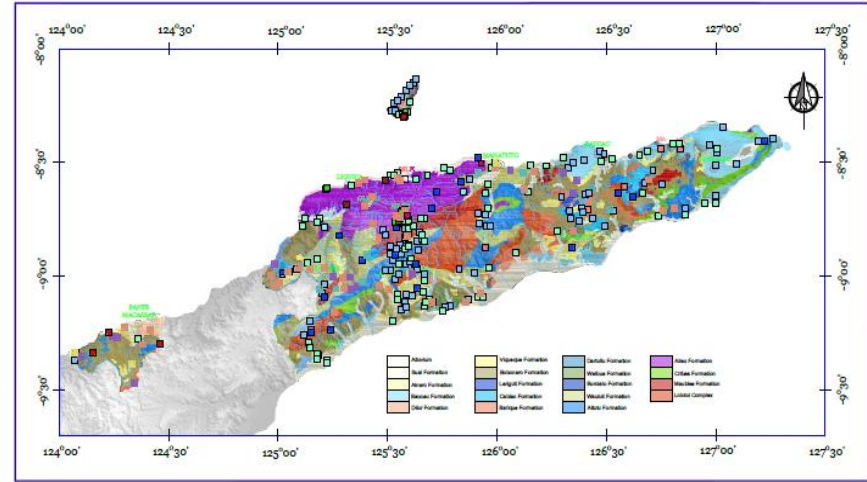
Timor Leste - Metallic Mineral Occurrences Overlain with Regional Geology



Coordinate System
Datum : WGS 84
Projection : Geographic

Legend

- Capital City
- District City
- District Boundary
- River
- Road
- Gold
- Chromium
- Silver
- Copper



Timor Leste - Non Metallic Mineral Occurrences Overlain with Regional Geology



Coordinate System
Datum : WGS 84
Projection : Geographic

Legend

- Capital City
- District City
- District Boundary
- River
- Road
- Bastnaesite
- Cm
- Cinnabar
- Kankri
- Limonite
- Lead-Zinc
- Manganese
- Marble
- Ni
- Silica
- Wolframite
- Zinc



Mineral Sectors: Quarries Management

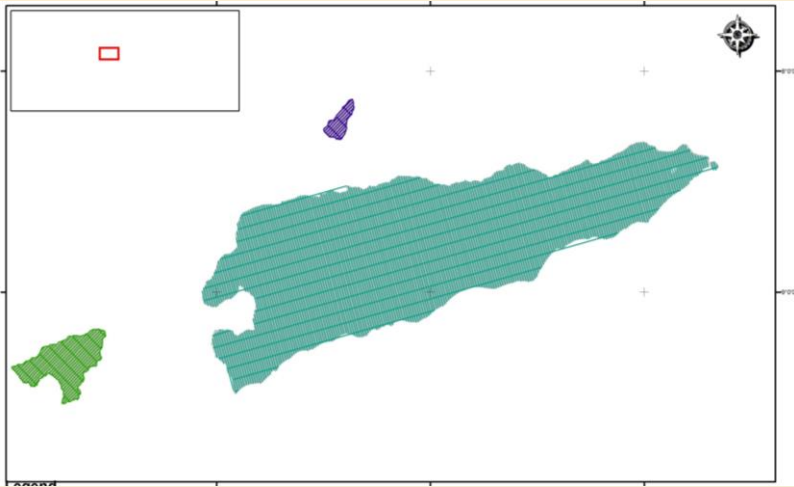


The Application of the Integrated Airborne Geophysical Survey data

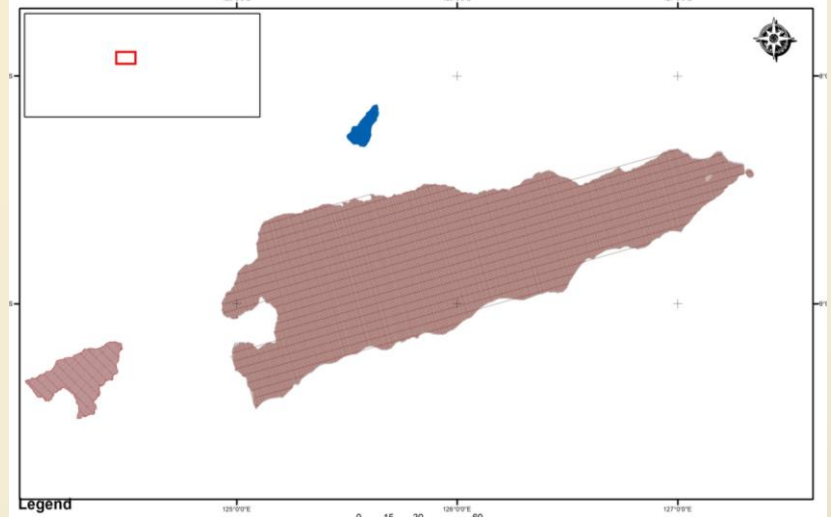
Other Non-PSCs related activities funded by government

(Integrated Airborne Geophysical Surveys over Timor Onshore Area)

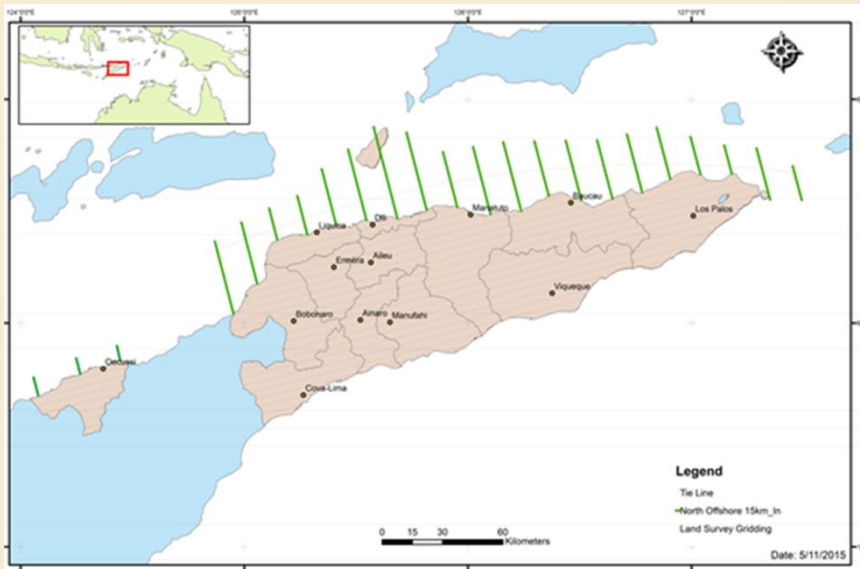
Map of Flight lines for Gravity Survey



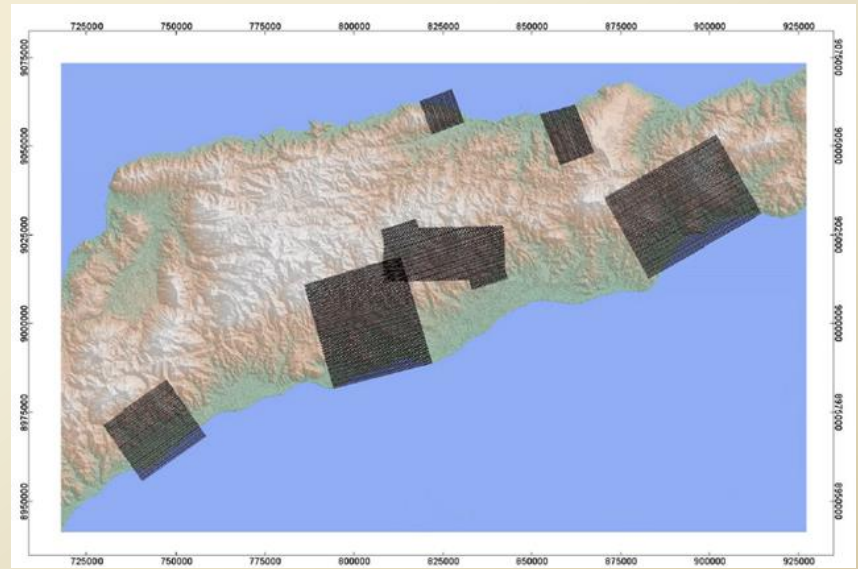
Map of flight lines for Magnetic – Radiometric Survey



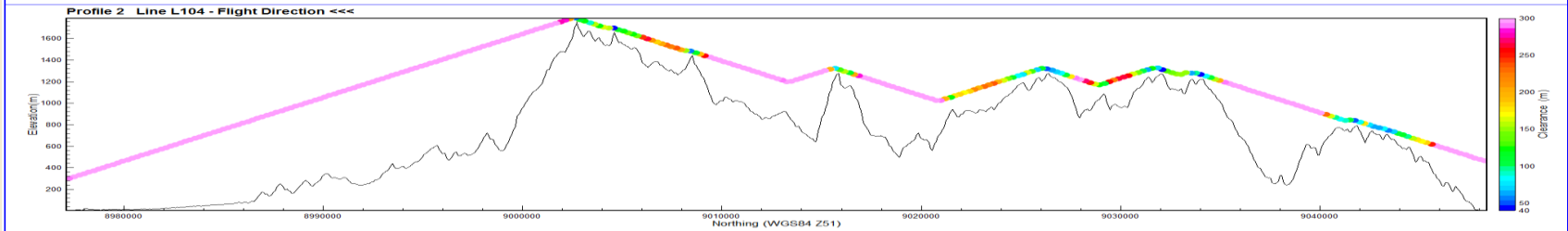
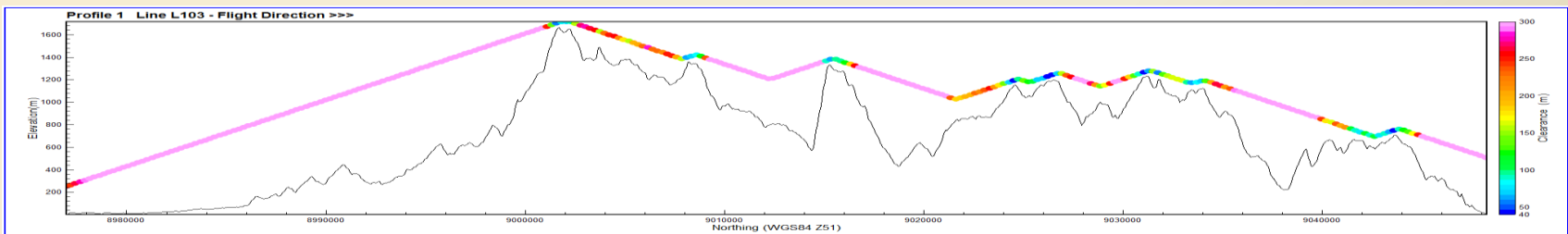
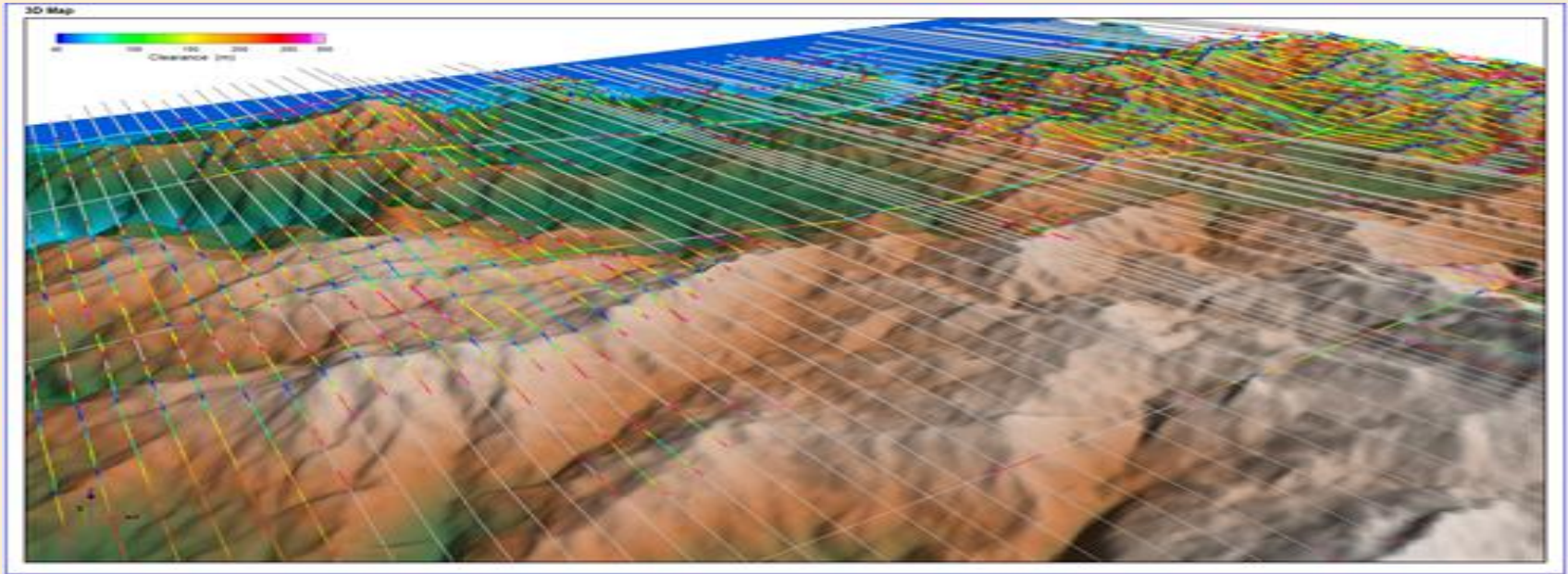
Map of flight lines for Offshore Gravity Survey



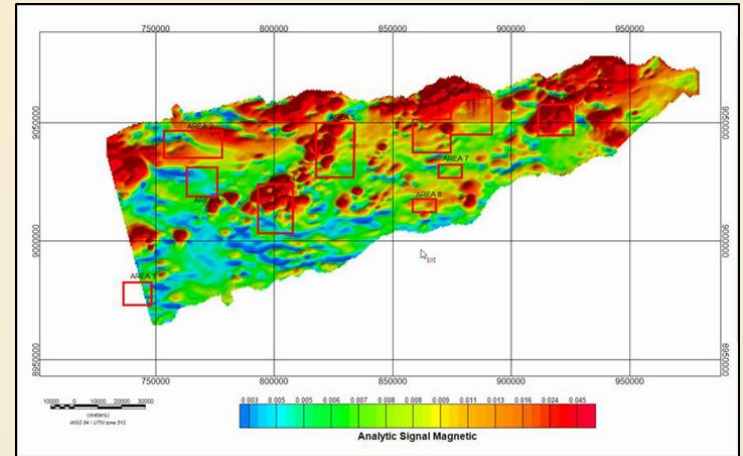
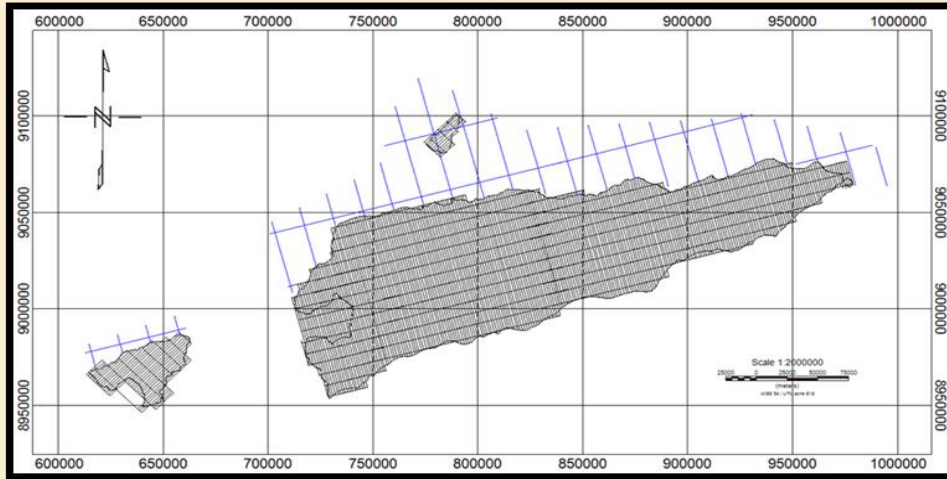
Map of flight lines for Infill (EM and GG) Survey



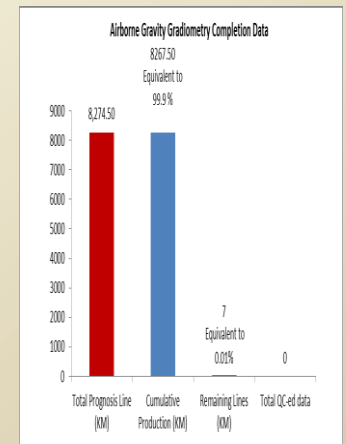
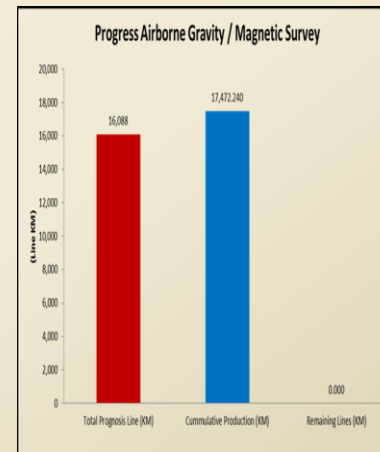
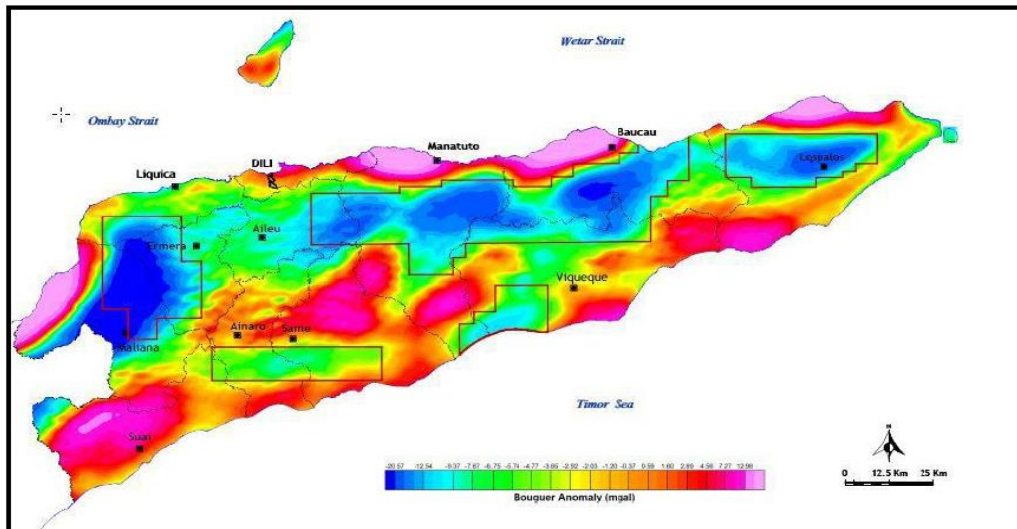
The design of the survey lines over the Terrain and Topography

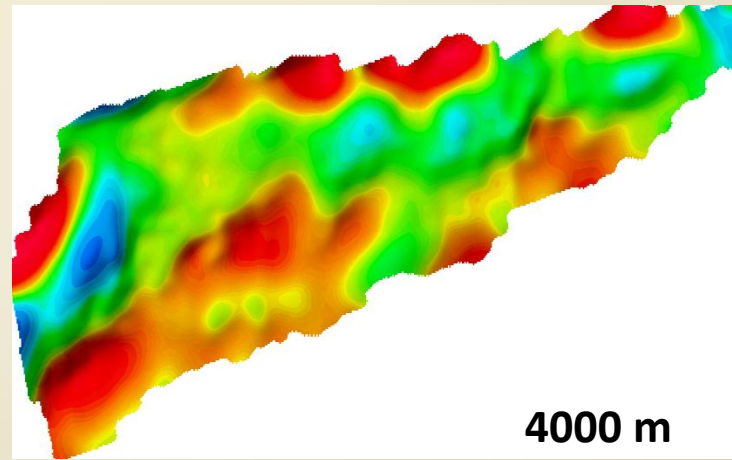
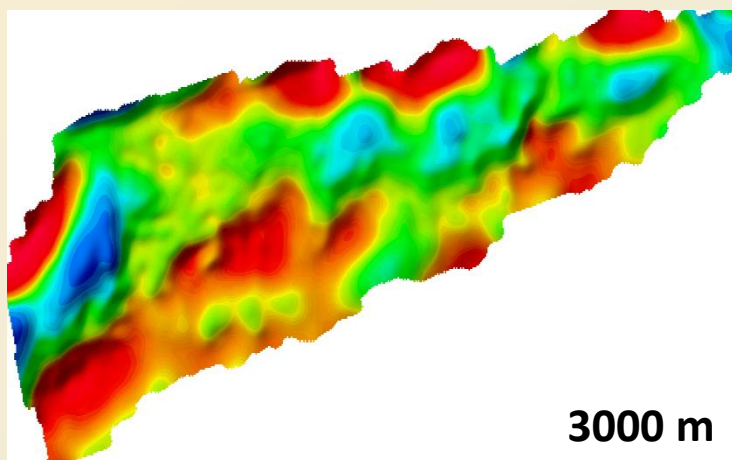
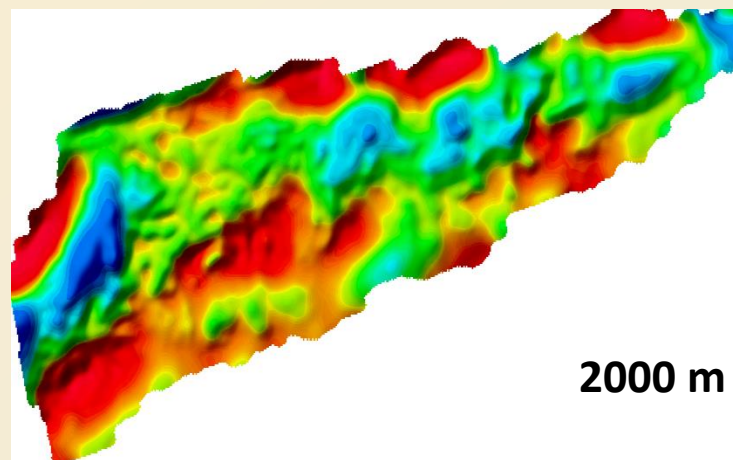
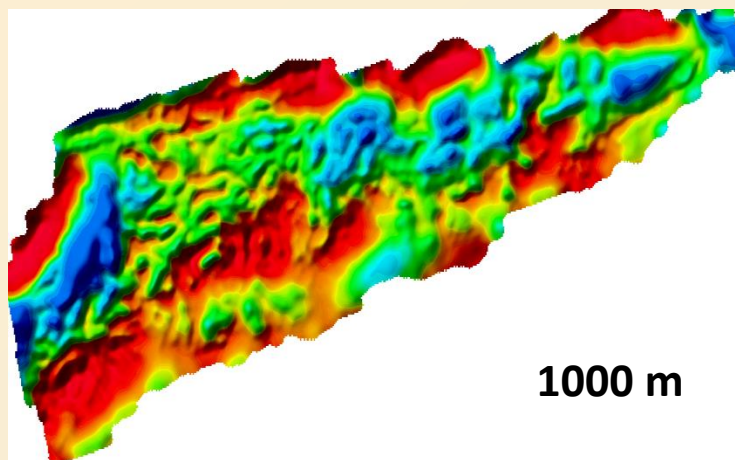


Progress of High Altitude Gravity – Magnetic Survey

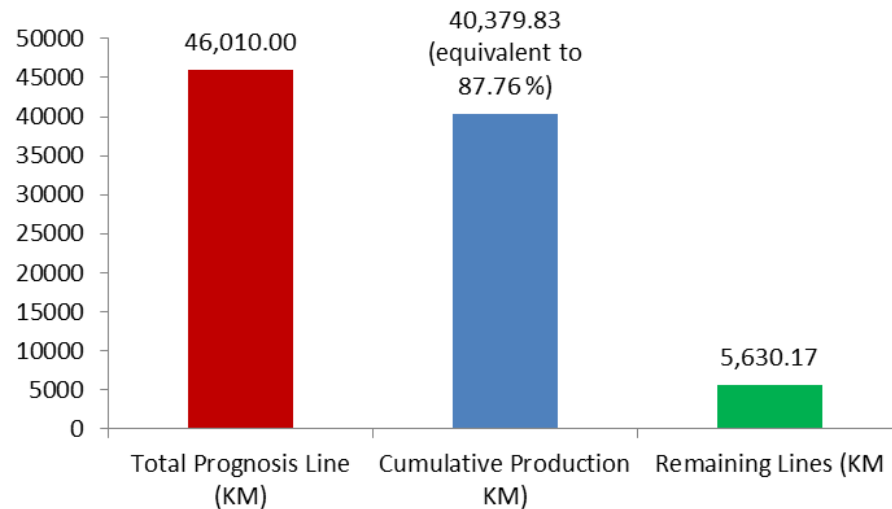
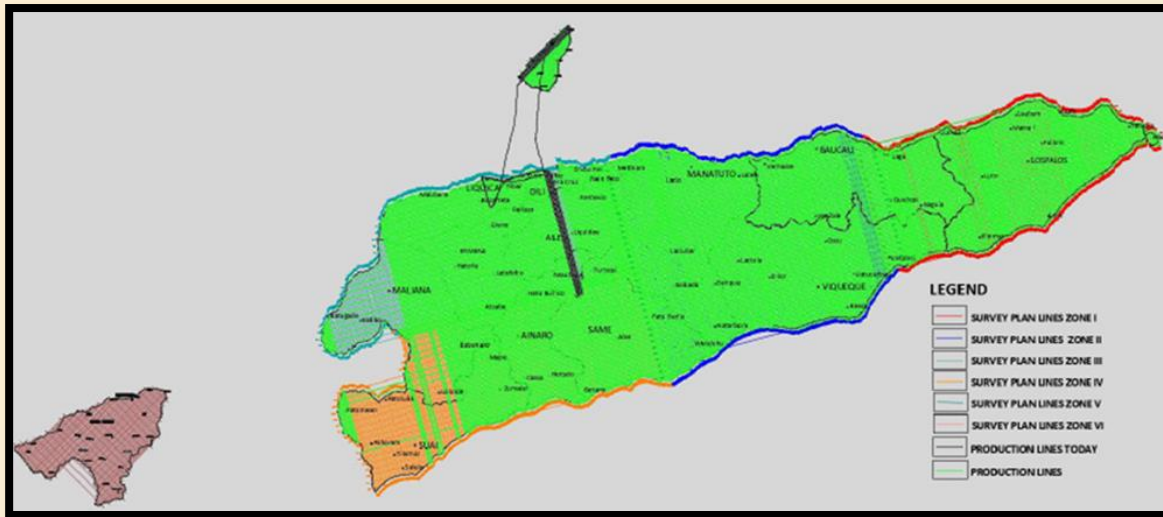


Progress of Airborne Gravitygradiometric





Mag-Rad Survey Progress



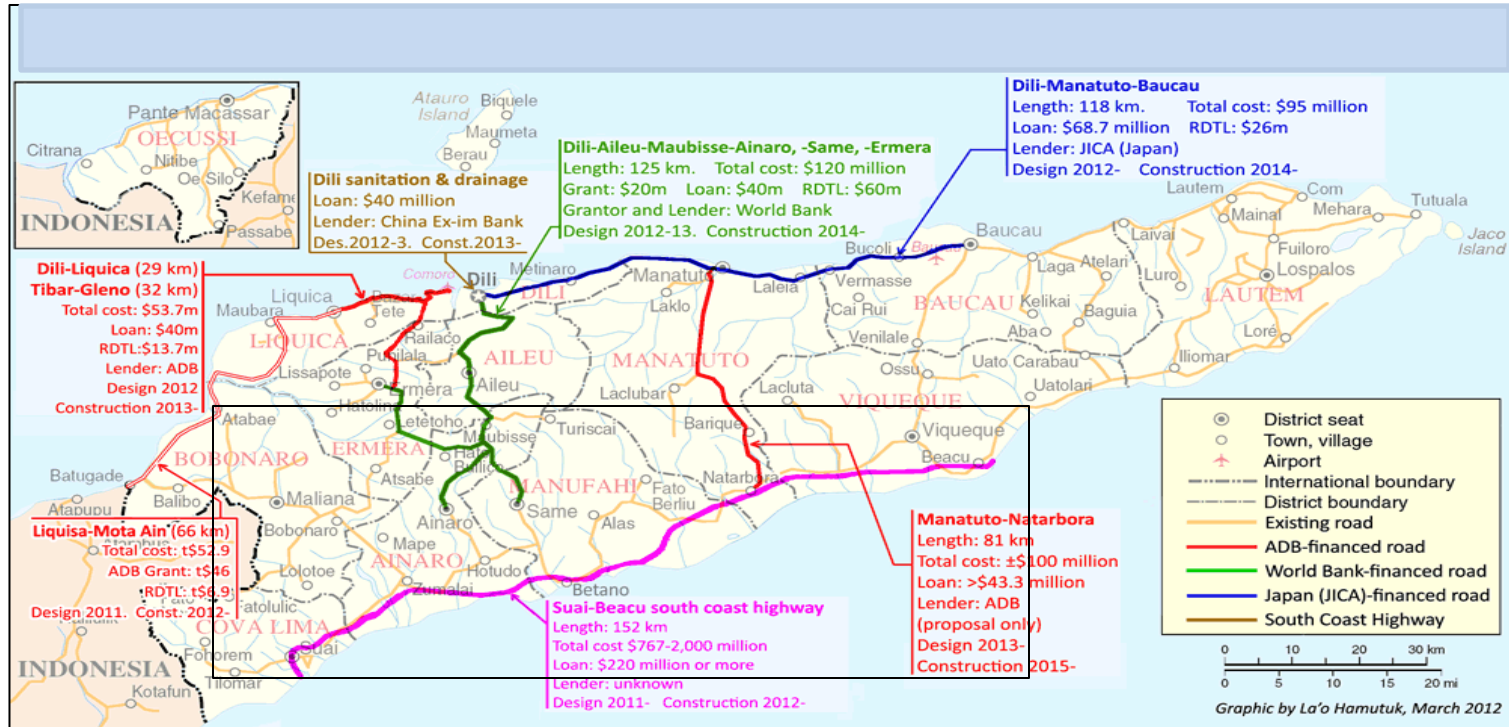
Source IAGS Project

What challenges are there still ahead of us?

- More Petroleum and Minerals Resources to be further explored?
- The capacities of our local businesses participations to absorb and achieve our Local Contents goals
- Minimum supporting Infrastructures
- Human Resources
 - a) Increasing numbers of young graduates with lack of industry experiences
 - b) Lack of experienced and local skilled labors
 - c) Less opportunities for local employees to compete in the industry
- The absences of some complementary Legal Framework & the ongoing reviews of some existing ones

**Looking ahead to the future and
what do we need to do more?**

Rural road Development Projects as efforts in solving the infrastructures related issues



Data Courtesy of the Ministry of Public Works



Timor Leste - South Coast Mega Projects plan for Petroleum Related Infrastructures



Suai Airport



South Coast Highway



Good & Services, Local Content

- Operator shall give preference of employment opportunity to Timor Leste nationals and provisions of goods and services based in Timor-Leste,
- Local Contents:
 - Various project
 - Scholarships
 - Technology transfers/Employments
- Encourage the NOC to actively participate in the industry as local partner and to be the pioneer for the other local businesses



OBRIGADU BARAK

MUITO OBRIGADO

THANK YOU

TERIMA KASIH

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