



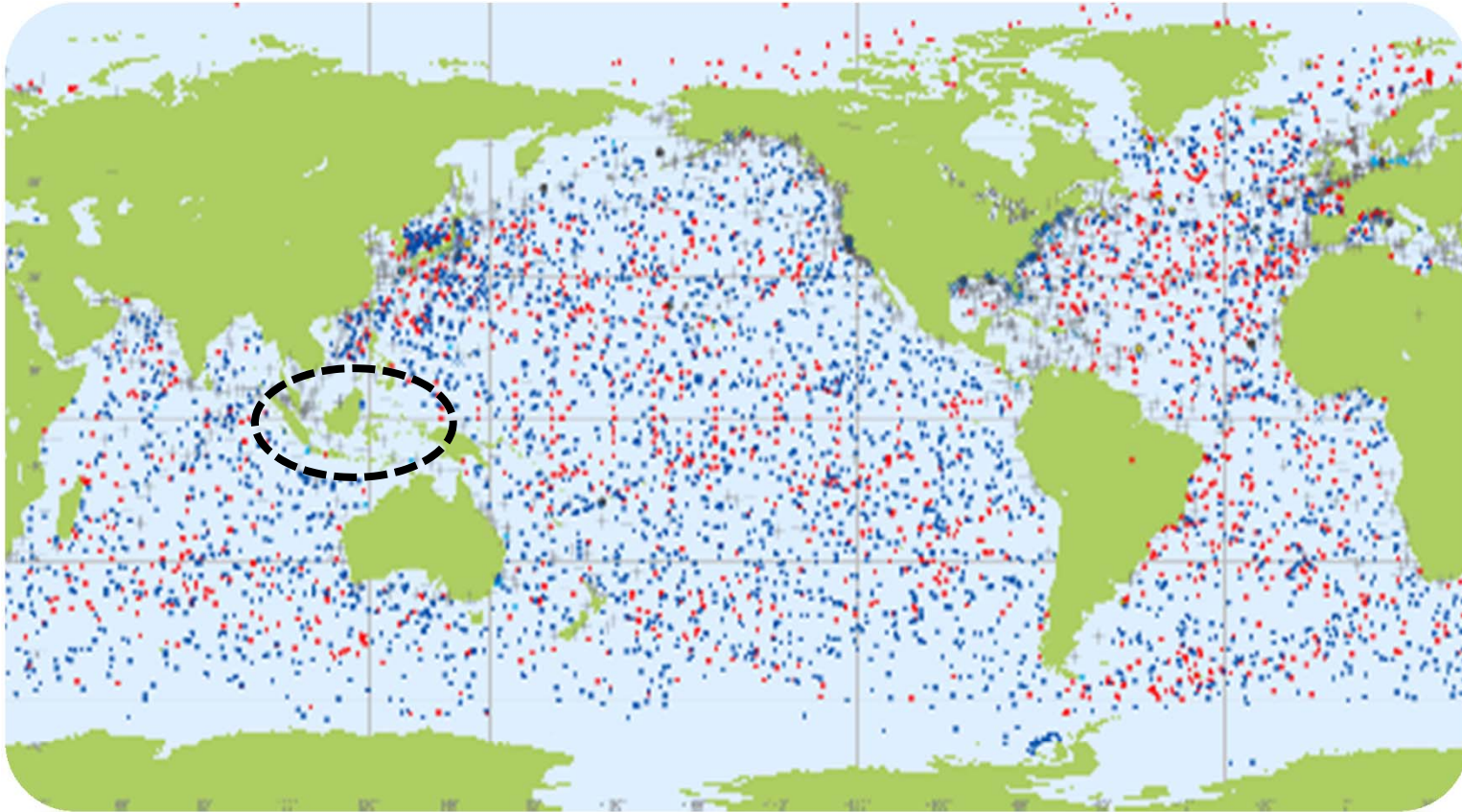
Indonesian Observation Network



Syamsul Huda
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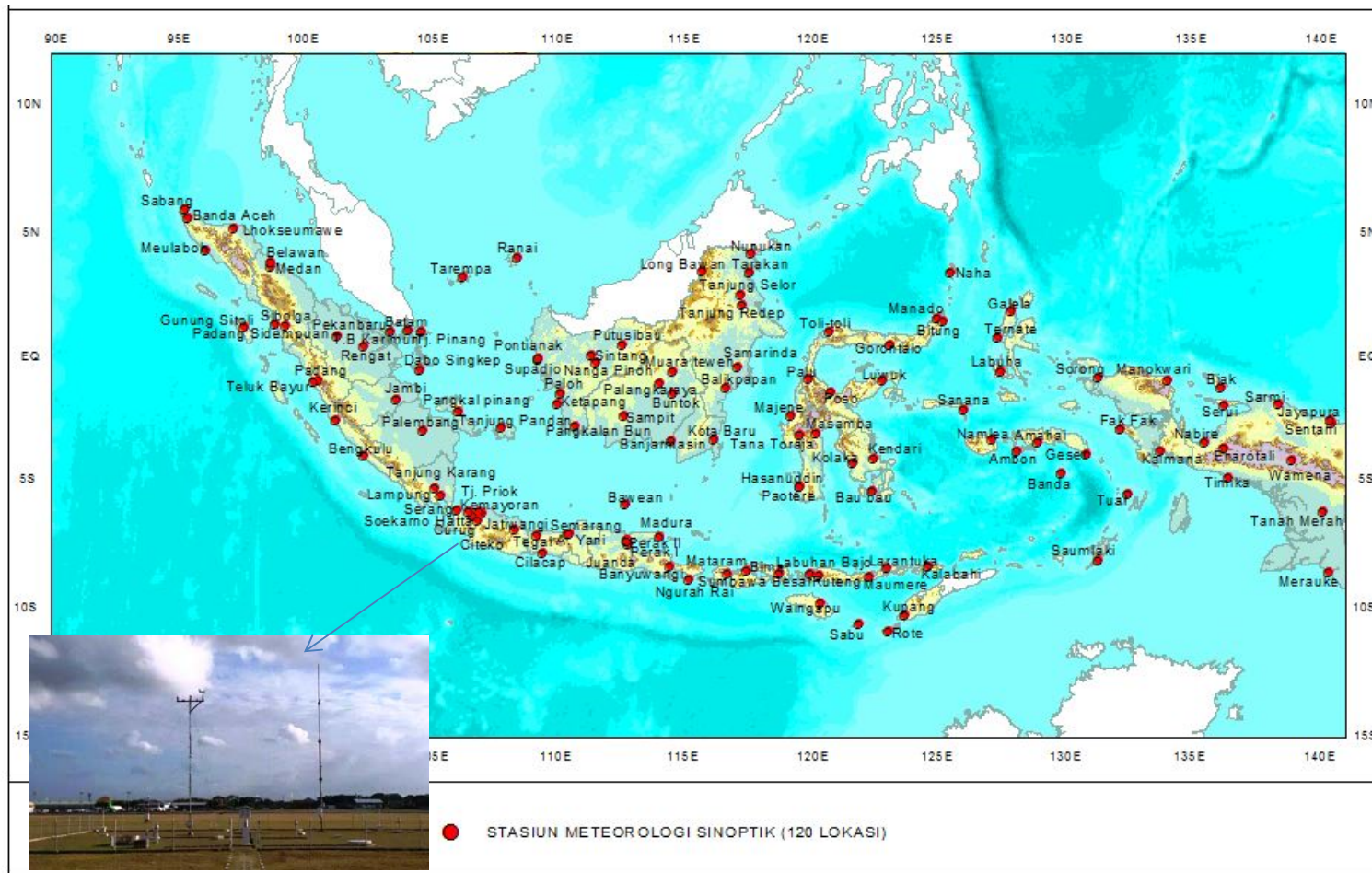
Deficiency of Marine Observation Over Indonesia



Source: WMO (World Meteorological Organization)



Surface Observation Network



Observed elements:

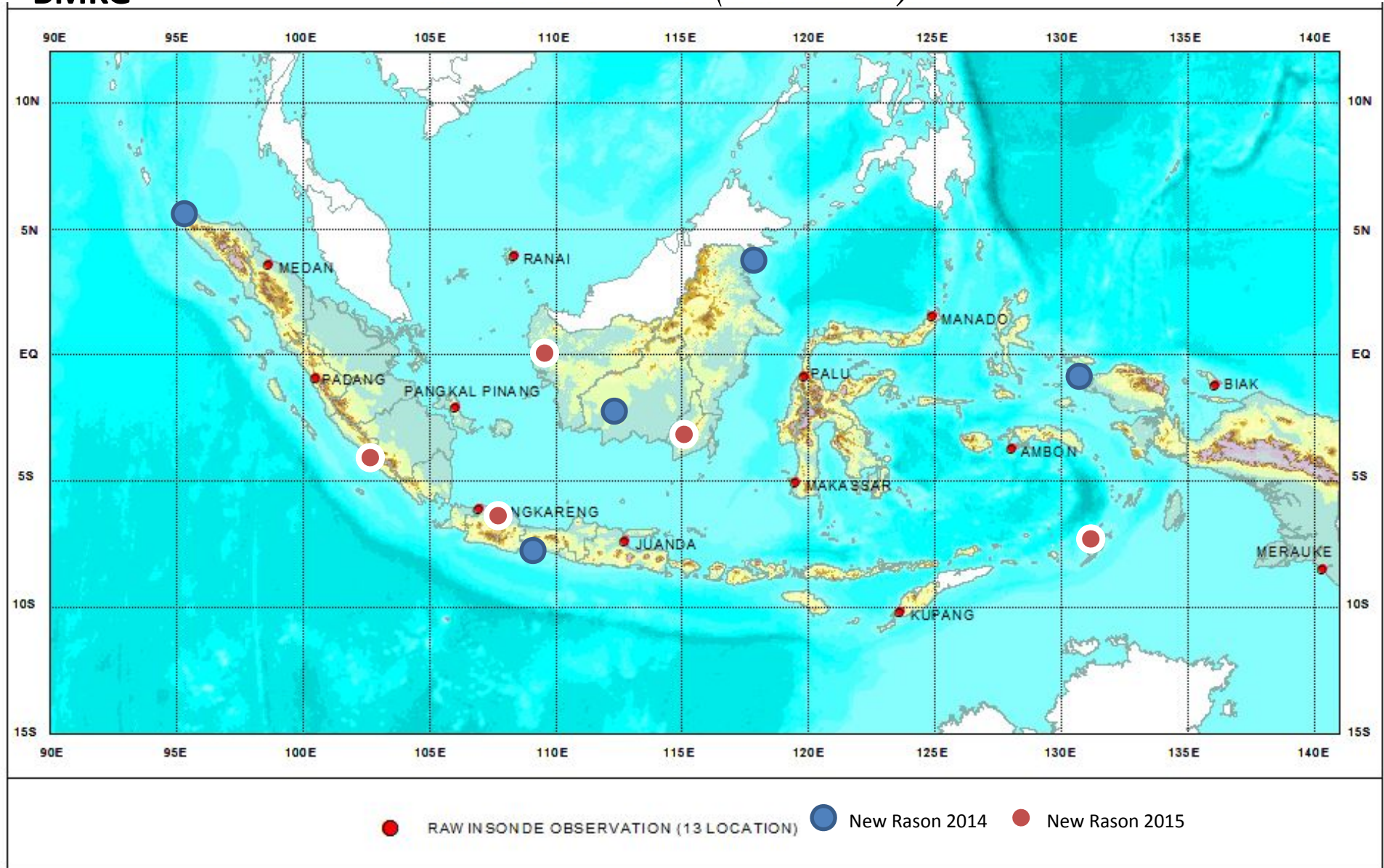
- ✓ Wind: speed and direction
- ✓ Temperature
- ✓ Pressure
- ✓ Precipitation
- ✓ Visibility
- ✓ Humidity
- ✓ Cloud



BMKG

Radiosonde Observation Network

(23 sites)


















MARINE OBSERVATION NETWORK (existing)



-  **Stasiun Meteorologi Maritim**
-  **AWS Platform/ Rig (2)**
-  **AWS Maritim/Pelabuhan (30)**

AWS Kapal/ VOS (15)

- | | | |
|---|--|--|
|  01_KM_Dempo_Line |  04_KM_Tidar_Line |  07_KM_Sirimau_Line |
|  02_KM_Lawit_Line |  05_KM_Tatamailau_Line |  08_KM_Kelud_Line |
|  03_KM_Awu_Line |  06_KM_Bukitraya_Line |  09_KM_Lambelu_Line |
|  01_KM_Sangiang_Lane |  03_KM_Kelimutu_Lane |  10_KM_Dorolonda_Line |
|  02_KM_Tilongkabila_Lane |  04_KM_Bukit Siguntang_Lane |  05_KM_Binaiya_Lane |

Existing: 10 Ship AWS

In 2014: + 5 Ship AWS (strengthening project – MFI)

Plan until 2016: 21 AWS

Automatic Weather Station in Harbor Areas – Small islands and platform (rig)

Existing: 19 AWS

Plan until 2016: 35 AWS

Observed elements:

- ✓ Wind: speed and direction
- ✓ Temperature
- ✓ Pressure
- ✓ Precipitation
- ✓ Tide
- ✓ Sig. wave height
- ✓ SST



YMC planning Workshop

November 2015

Venue: Bogor, Indonesia

Host: BMKG

*Facility: WMO RA-V Regional Training Center
(subsidized)*

Preparations needed:

- MoU/ IA + science document
- Site Survey
- Research permit procedure (data, capacity building)
- Time line (counting down Feb-Nov 2015 – campaign period 2017)

תודה
Dankie Gracias
Спасибо شكري
Merci Takk
Köszönjük Terima kasih
Grazie Dziękujemy Děkojame
Ďakujeme Vielen Dank Paldies
Kiitos Täname teid 谢谢
Thank You Tak
感謝您 Obrigado Teşekkür Ederiz
Σας Ευχαριστούμ 감사합니다
ขอบคุณ
Bedankt Děkujeme vám
ありがとうございます
Tack