Leapfrogging Delta Management in Myanmar
(Partners voor Water, 2017 – 2019)

Progress Update at DWIR
Yangon, 19 March 2018
Dutch Team

- Marjan Kreijns: Project manager;
- Dr. Martine Rutten: IWRM expert;
- Relevant scientific staff
- Lindsey Schwidder: coordinator start-ups and SME’s;
- Nay Myo Lwin: coordinator Myanmar parties;
- 7 start-ups and 2 SME’s;

Myanmar Team

- Alwin Commandeur: local project coordinator;
- Frodo van Oostveen: innovation manager;
- DWIR;
- IWUMD;
- MONRE: Forest Department;
- Myanmar Maritime University (MMU)
- Yangon Technological University (YTU)
Innovative SMEs
Highlights PvW project

**Background:** Bago-Sittaung scoping project (2015-2016)

**Scope:**
- System understanding
- Start-ups & innovative SME’s
- Testing by young (Dutch and Myanmar) professionals
- Joint effort implementation & project co-governance
Six Themes

1. Rainfall
2. Catchment erosion
3. River erosion
4. Water quality
5. Subsidence
6. Coastal processes
Acoustic rain gauges from Disdrometrics
Soil Moisture Maps by VanderSat

- Soil Moisture Map & 5 soil moisture sensors nests installed in Bago
Programme for today

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>3:00 PM</td>
<td>Welcome &amp; Introduction</td>
<td>U Ko Ko Oo, Marjan Kreijns</td>
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<tr>
<td>3:15 PM</td>
<td>Shore Monitoring (Nyaungdon, Pan Hlaing)</td>
<td>Alwin Commandeur</td>
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<td>3:25 PM</td>
<td>SkyGeo</td>
<td>Alwin Commandeur</td>
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<td>3:30 PM</td>
<td>Mobile Water Management</td>
<td>Esther Heineke</td>
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<td>3:35 PM</td>
<td>Tidal Bore in the Sittaung</td>
<td>Menno de Ridder</td>
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<td>High resolution rainfall product</td>
<td>Gijs Simons (Future Water)</td>
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<td>3:55 PM</td>
<td>Improved navigability of rivers</td>
<td>Mattijn van Hoek (HKV)</td>
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<td>4:10 PM</td>
<td>Discussion &amp; Closure Remarks</td>
<td>all</td>
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<tr>
<td>4:25 PM</td>
<td>Closure Remarks</td>
<td>U Ko Ko Oo</td>
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Subsidence mapping by SkyGeo & TU Delft
Visit: http://myanmar.tudelft.nl/
Thank you!

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Yangon, 19 March 2018