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# Onshore Terminal Field Trialling of NII Technologies

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TLB Technology Managers' Network meeting

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26<sup>th</sup> July 2022

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## TLB information:

- Website <http://www.the-tlb.com/index.html>
- LinkedIn page  
<https://www.linkedin.com/company/technology-leadership-board/?viewAsMember=true>

## Workstreams: <http://www.the-tlb.com/workstreams.html>

- **Accelerate Deployment** Co-led by Darren Stoker of RSRUK and Melfort Campbell of Imes Group  
<http://www.the-tlb.com/call-for-previously-deployed-technology.html>
- Digital
- Net Zero

## Industry Sponsor Programme: <http://www.the-tlb.com/industry-sponsor-programme.html>

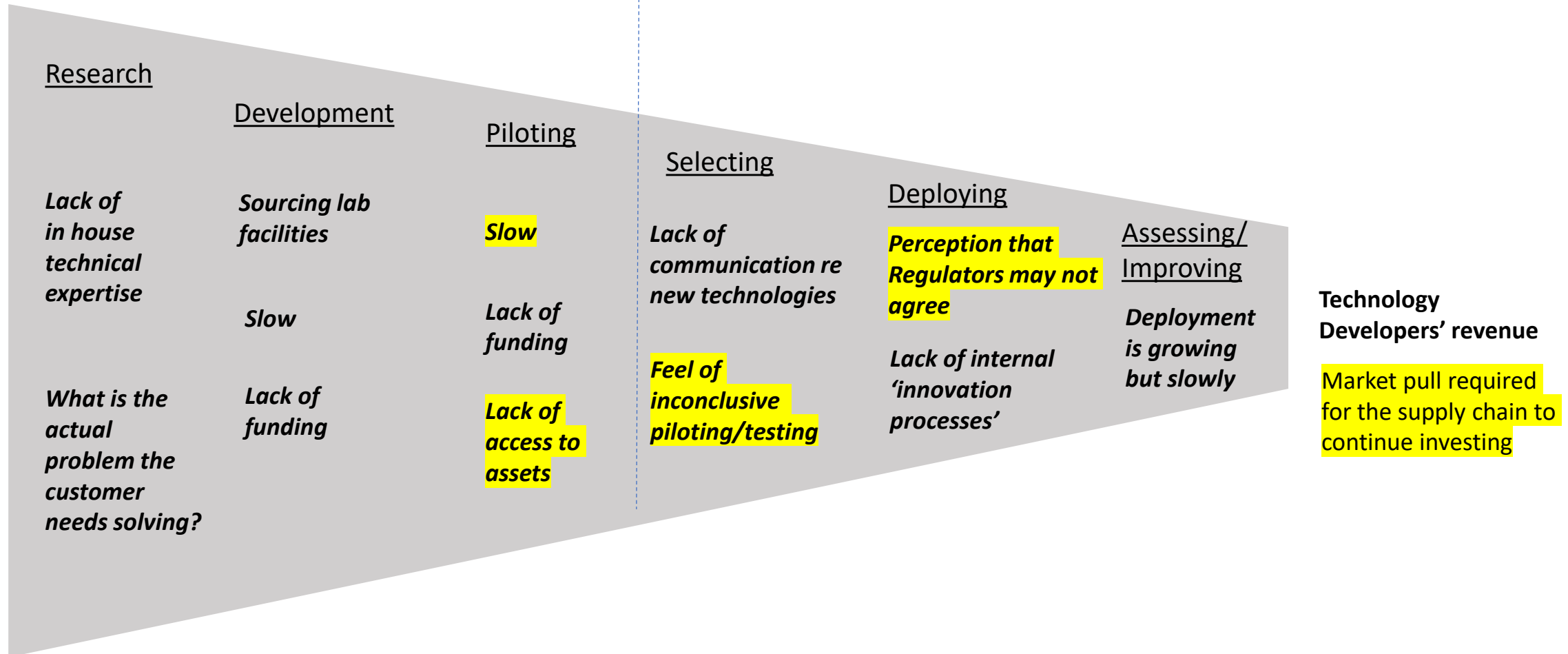
Three Industry Sponsor Projects (ISPs), all with NZTC support:

- **Non-Intrusive Inspection for Corrosion Under Insulation** Led by Stefan Kent of Kellas Midstream  
<http://www.the-tlb.com/non-intrusive-inspection-for-corrosion-under-insulation.html>
- Through Tubing Evaluation and Verification for Rigless P&A
- Alternative Plug & Abandonment Barriers

## Low to mid-TRLs

## Mature technologies (high-TRLs)

Perceived barriers



# NII Challenge – Accelerating Field Trials For TRL 4-7

## Objective:

- Accelerate piloting and testing of NII technologies
- Initial focus on CUI (and VI) technologies

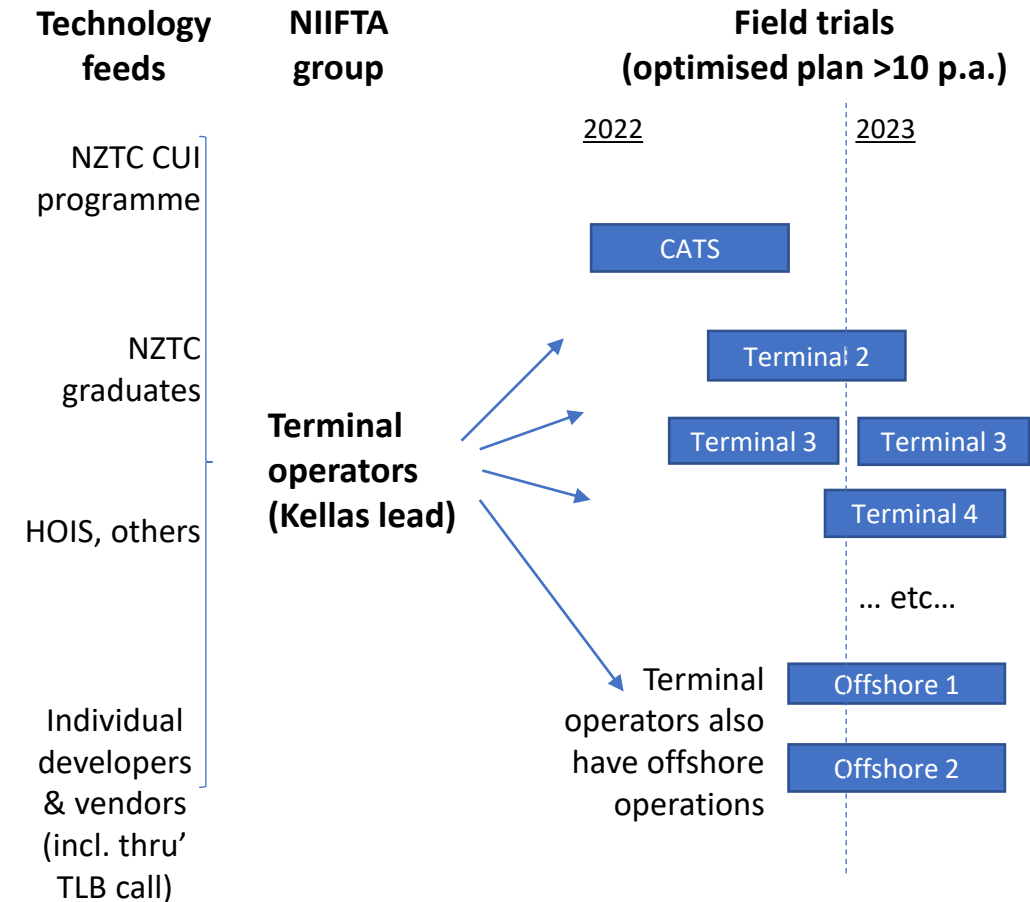
## Progress to date:

- TLB’s ISP on NII for CUI led by Kellas Midstream
- Some tests at CATS plant in 2020/21 (slow down due to COVID)
- Discussing with 5+ other terminal operators how to broaden the initiative: more terminals, more scope, more speed
- Engagement with HSE
- NZTC current / past projects – trial opportunity for “NZTC-graduates”
- Dialogue with HOIS/ESR Technology - “HOIS-graduates”; field trial design

## Forward plan:

- Organise Terminal Operators group
- Focus on CUI (and then VI)
- Adapt successful model used by NZTC for well P&A technology to deliver more, lower risk, faster and cheaper trialling of mid-TRL NII technology
- Build cooperation across onshore terminal operators, led by Kellas Midstream, securing access for trials, dovetailing with already planned maintenance programmes where appropriate
- Demonstrate multiple viable alternatives to existing inspection practice, securing industry confidence and regulator acceptance

## Non-Intrusive Inspection Field Trial Accelerator (NIIFTA) scheme (under discussion)





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# Thank you

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