

Fluid Properties Development Timeline – 1970 - 2025



National Engineering Laboratory



Department for Business, Energy & Industrial Strategy

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Impacts

Improve AGA-8 measurement uncertainty for maturing north sea and marginal fields

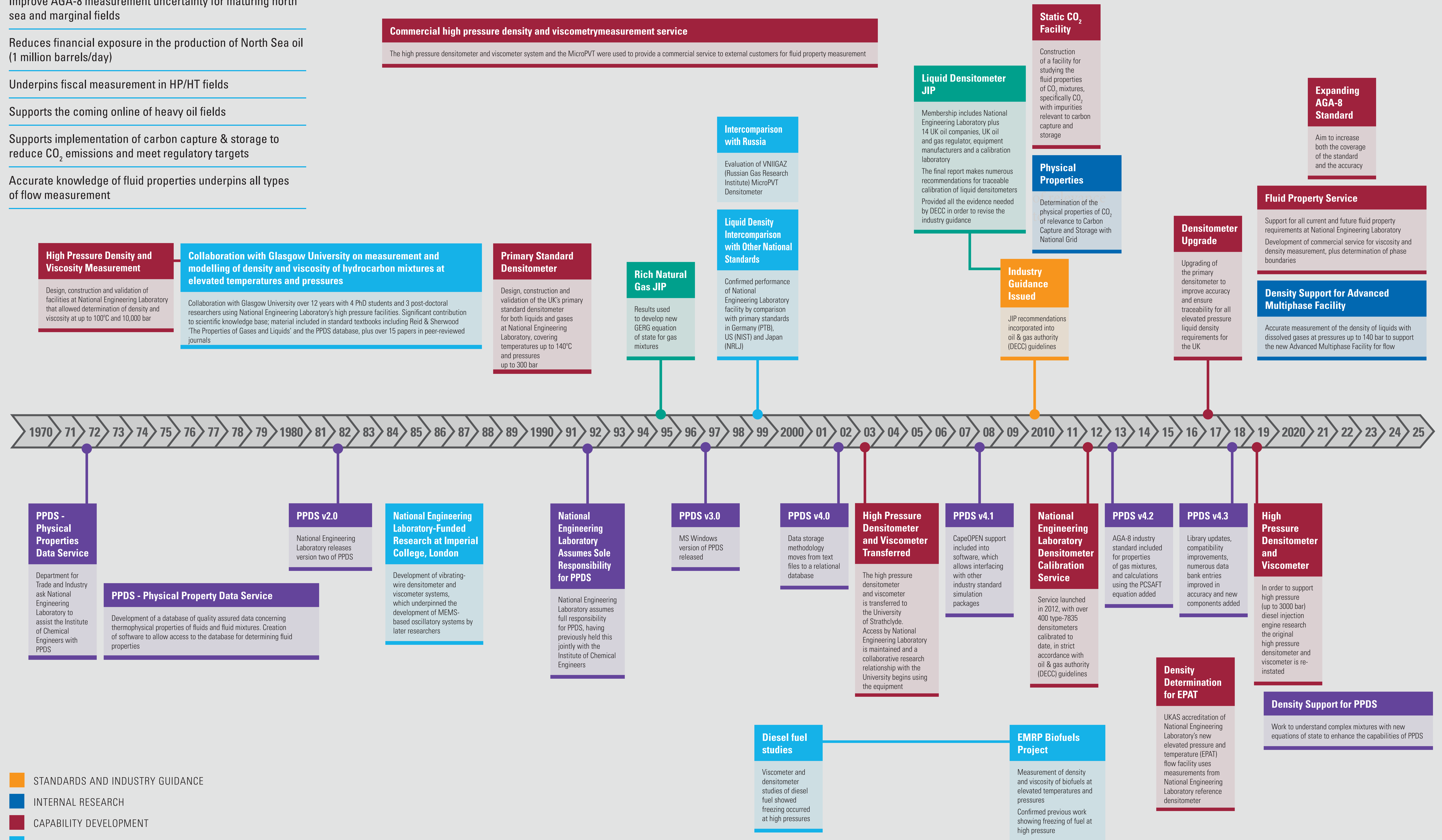
Reduces financial exposure in the production of North Sea oil (1 million barrels/day)

Underpins fiscal measurement in HP/HT fields

Supports the coming online of heavy oil fields

Supports implementation of carbon capture & storage to reduce CO₂ emissions and meet regulatory targets

Accurate knowledge of fluid properties underpins all types of flow measurement



- STANDARDS AND INDUSTRY GUIDANCE
- INTERNAL RESEARCH
- CAPABILITY DEVELOPMENT
- COLLABORATIVE WORK WITH EXTERNAL PARTNERS
- JOINT INDUSTRY PROJECTS (JIP'S)
- PHYSICAL PROPERTIES DATA SERVICE