



Green+ Antwerp

The next EU Lithium Refinery

Leading the Future of Greener Lithium Refining

Private and Confidential

Green+ Antwerpen: Competitive Advantages

- **Lowest CAPEX intensity among benchmarked lithium refining projects**, significantly reducing financing requirements and execution risk.
- **Lowest OPEX**, providing resilience across lithium price cycles and supporting superior project economics.
- **Lowest environmental footprint among peers**, including Zero Liquid Discharge, and significantly lower CO₂, water and energy consumption.
- **Strategic location in the Port of Antwerp**, Europe's leading chemical cluster, providing world-class logistics, infrastructure and industrial synergies.

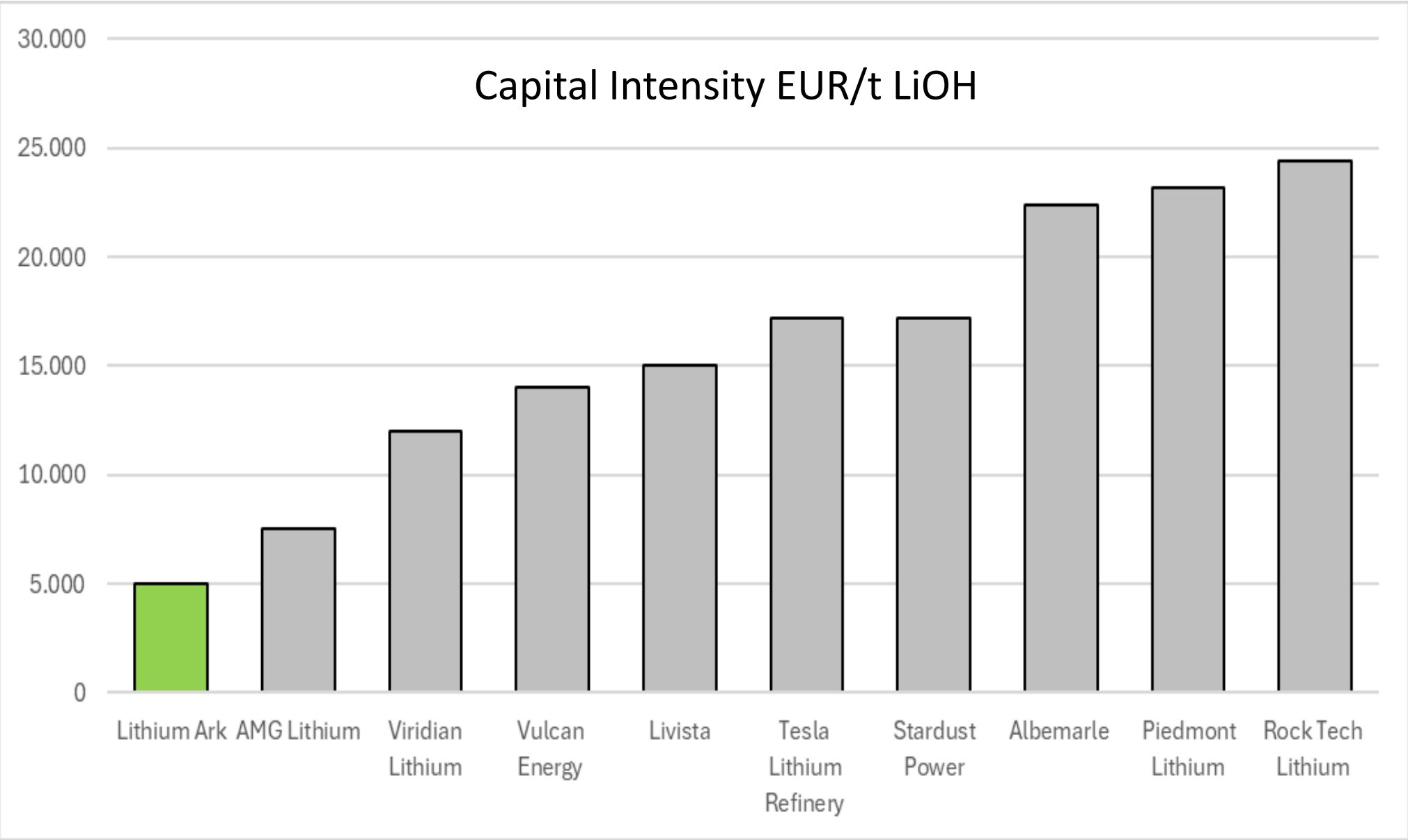
Green+ Antwerpen: Competitive Advantages

- **Circular industrial integration with local KOH supply** and KCl by-product valorization, reducing CAPEX, OPEX, logistics costs and environmental footprint.
- **Advancing project development, with EUR 6 million seed equity raise underway** to complete FEL2, achieve bankability and reach FID within 24 months.
- **Diversified LiCl sourcing strategy**, with an existing LOI and active discussions with suppliers across Argentina, Chile, USA, Canada, UK and France.
- **Flexible production capability**, allowing production of both battery-grade lithium hydroxide and lithium carbonate with limited additional CAPEX.

Green+ Antwerpen: Competitive Advantages

- **Strong industrial and engineering partners**, including key stakeholders within the Flanders area.
- **Experienced lithium project team**, leveraging PEC's 25+ years of experience supporting lithium projects across South America, North America and Asia.
- **Patented Green+ process** based on proven industrial unit operations, minimizing technology scale-up risk.
- **Strong alignment with EU strategic priorities**, including the CRMA, industrial decarbonisation and the development of a resilient European battery materials value chain.

Lithium Ark delivers the lowest capital intensity (EUR / t LiOH battery grade) among lithium refining projects ⁽¹⁾

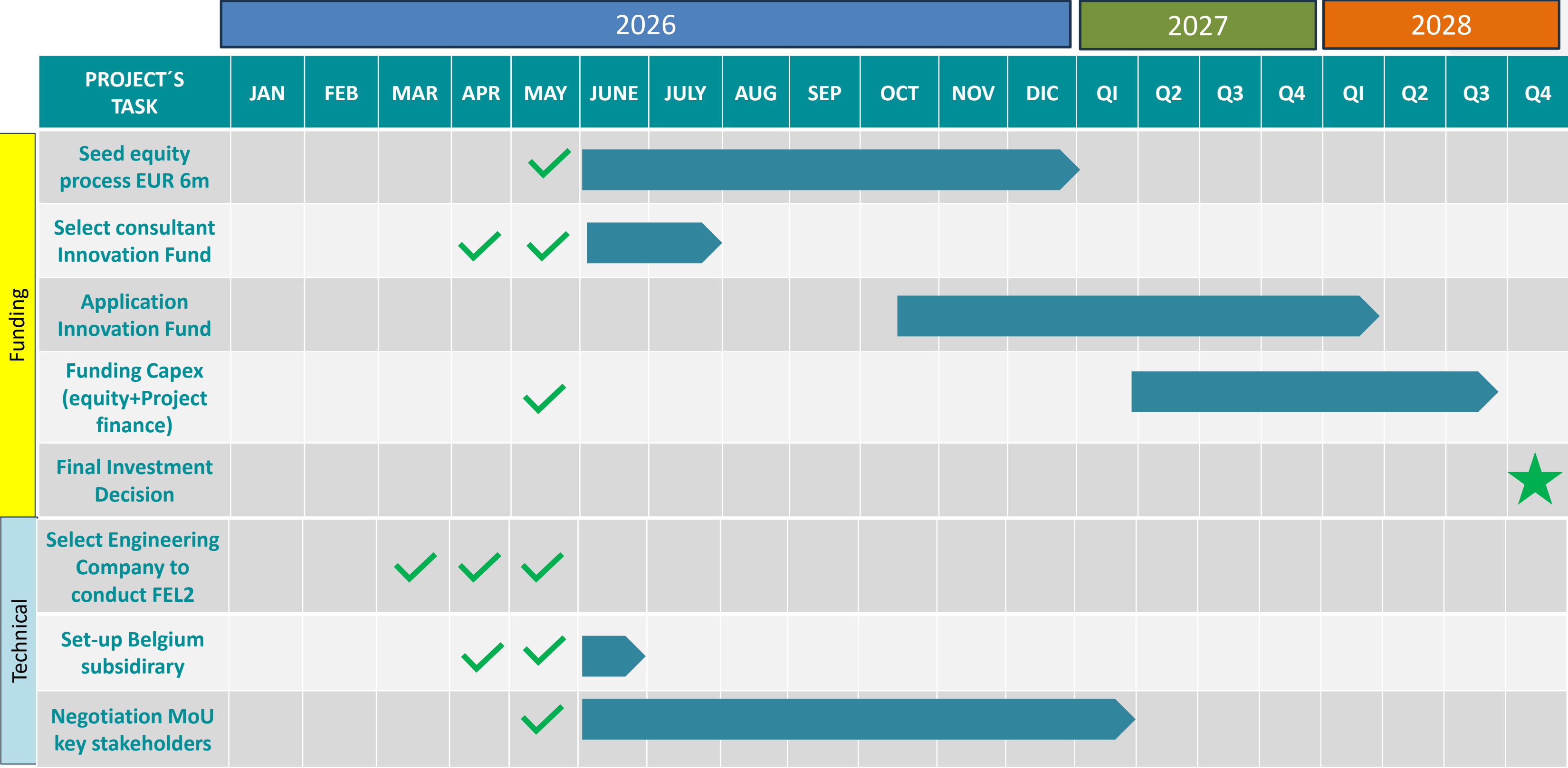


Company	Feedstock	Product	Capacity (tpa)
Lithium Ark	LiCl	LiOH	30.000
AMG Lithium	LiOH tech grade	LiOH	20.000
Viridian Lithium	Li2CO3	LiOH	25.000
Vulcan Energy	LiCl	LiOH	24.000
Livista	Spodumene	LiOH / Li2CO3	40.000
Tesla Lithium Refinery	Spodumene	LiOH	50.000
Stardust Power	LiCl	Li2CO3	25.000
Albemarle	Spodumene	LiOH	50.000
Piedmont Lithium	Spodumene	LiOH	30.000
Rock Tech Lithium	Spodumene	LiOH	24.000

(1) Source: Internal calculations

Milestones and activities to reach FID

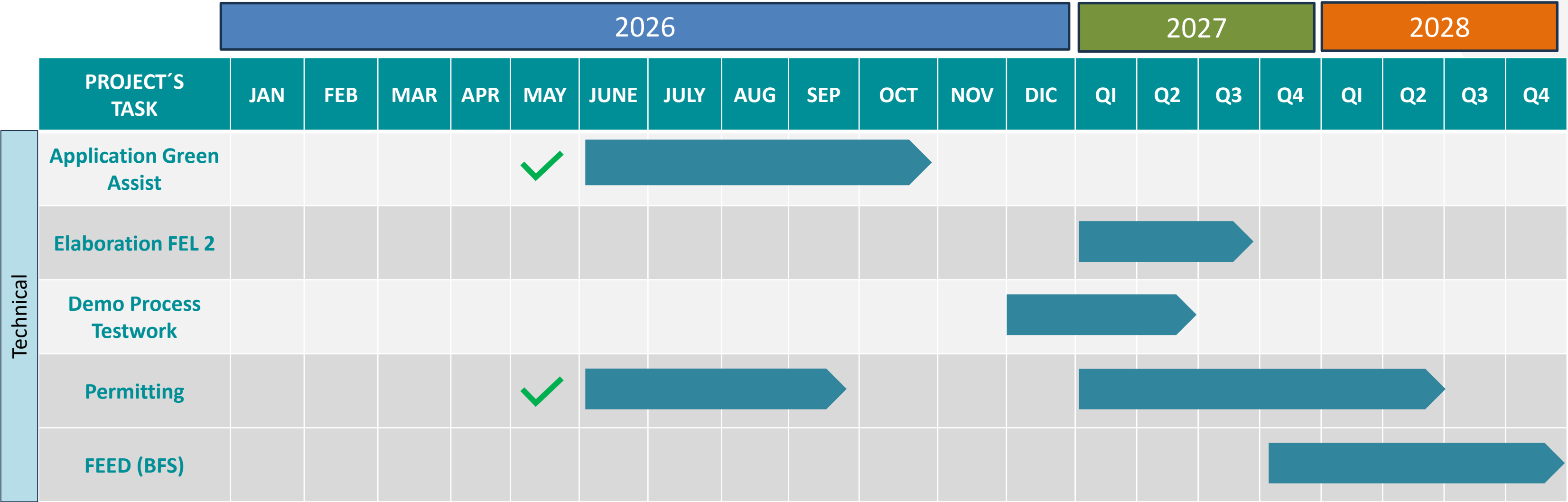
(update May 2026)



✓ Executed / In progress ➡ Planned

Milestones and activities to reach FID

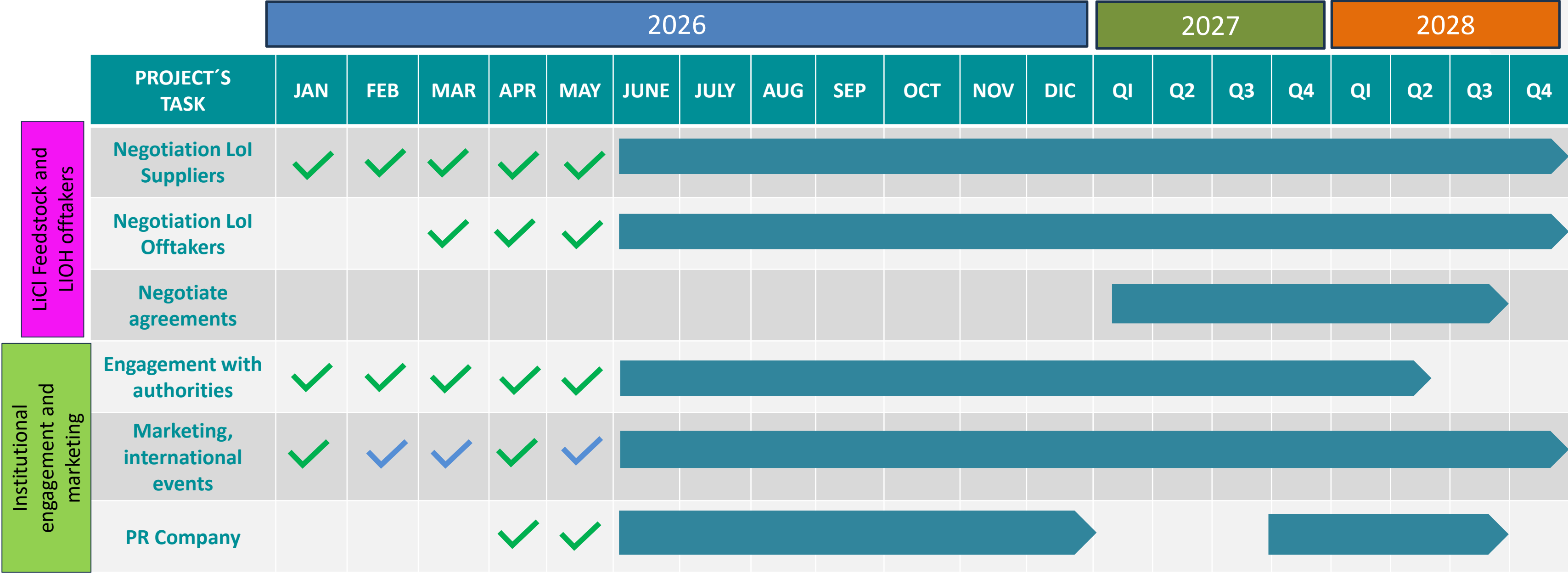
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✓ Executed / In progress  Planned

Milestones and activities to reach FID

(updated May 2026)



Executed / In progress



Planned



International Events