



Suncor Base Mine Extension

Regional Municipality of Wood Buffalo

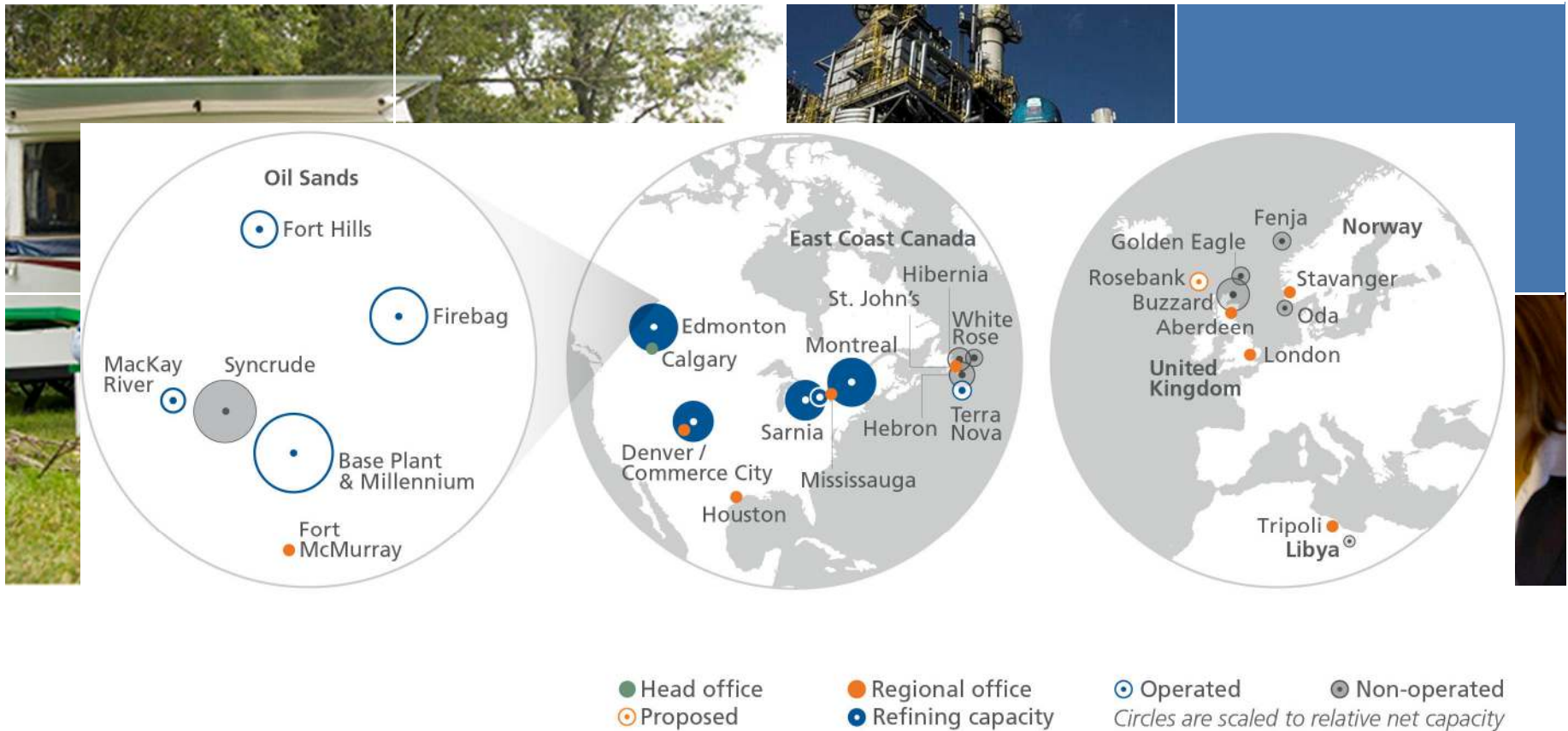
September 2020



Suncor – Vertical Integration



Suncor Operations



Fort McMurray is at the heart of Suncor's global operations.

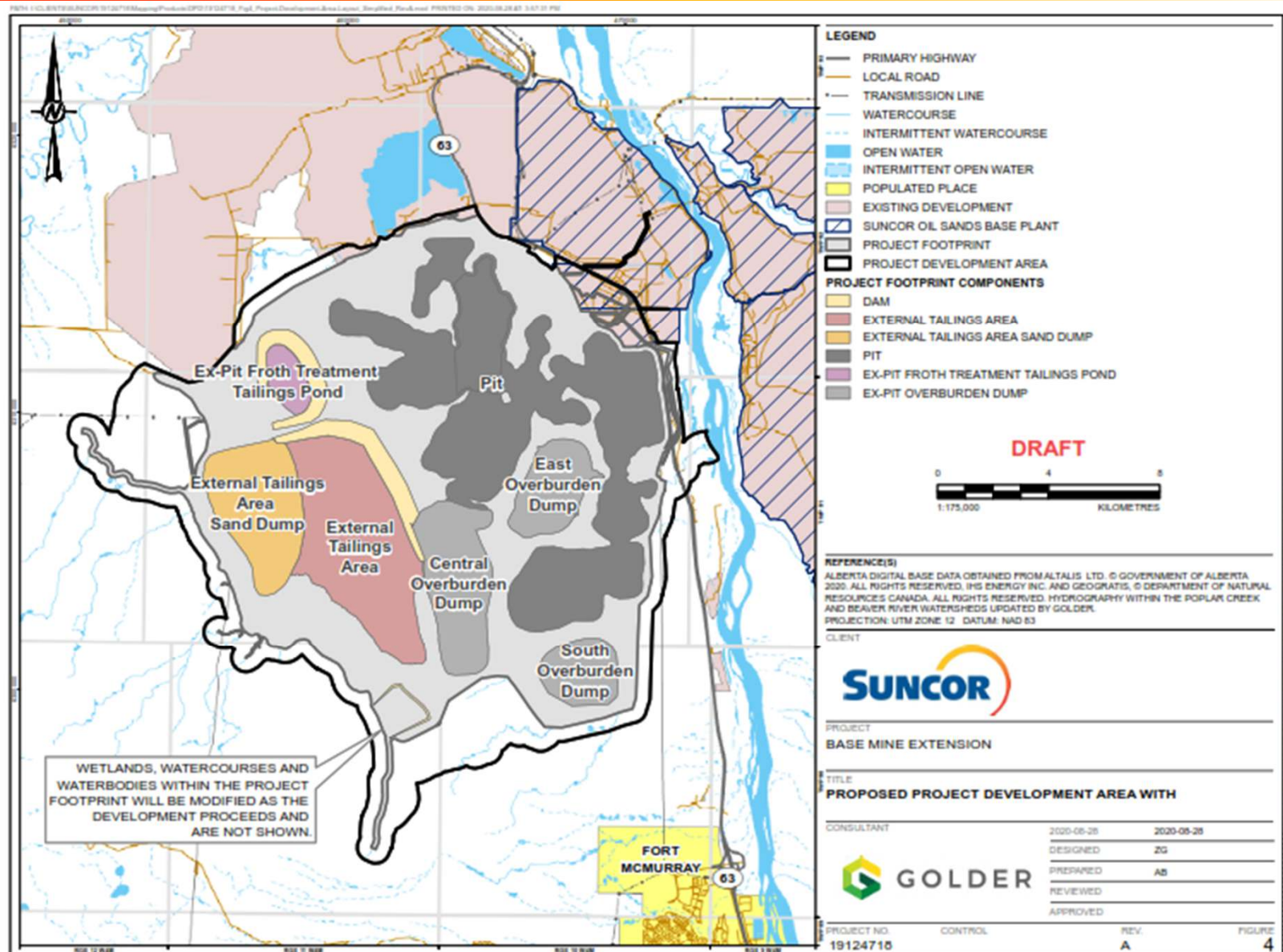
Base Mine Extension: Executive Overview

- Information overview for proposed project to extend operations at Suncor's Base Mine
- Continuation of bitumen supply to the existing upgraders at Suncor's Oil Sands Base Plant operation as the mineable bitumen resource is depleted.
 - Sustaining economic engine, jobs and local spend
- Project is located adjacent to Base Plant and north of Fort McMurray, Alberta, within the Regional Municipality of Wood Buffalo
- Previously known as Lease 23 or Voyageur South
 - Base Mine Extension would sustain vs expand production
- Construction planned for 2026 with first oil in 2031

Conceptual Project Overview

- Project is to extend mining operations at Suncor's Base Plant site by accessing additional bitumen supply
- Truck and shovel mining
- Tailings Plan leverages existing infrastructure and 50 years of experience from Base Plant operations
- New Construction:
 - Primary Extraction Facility using hot water extraction technology
 - External Tailings Area
- Mine life expected to be 25 years, producing 225,000 barrels per day

Base Mine Extension Location

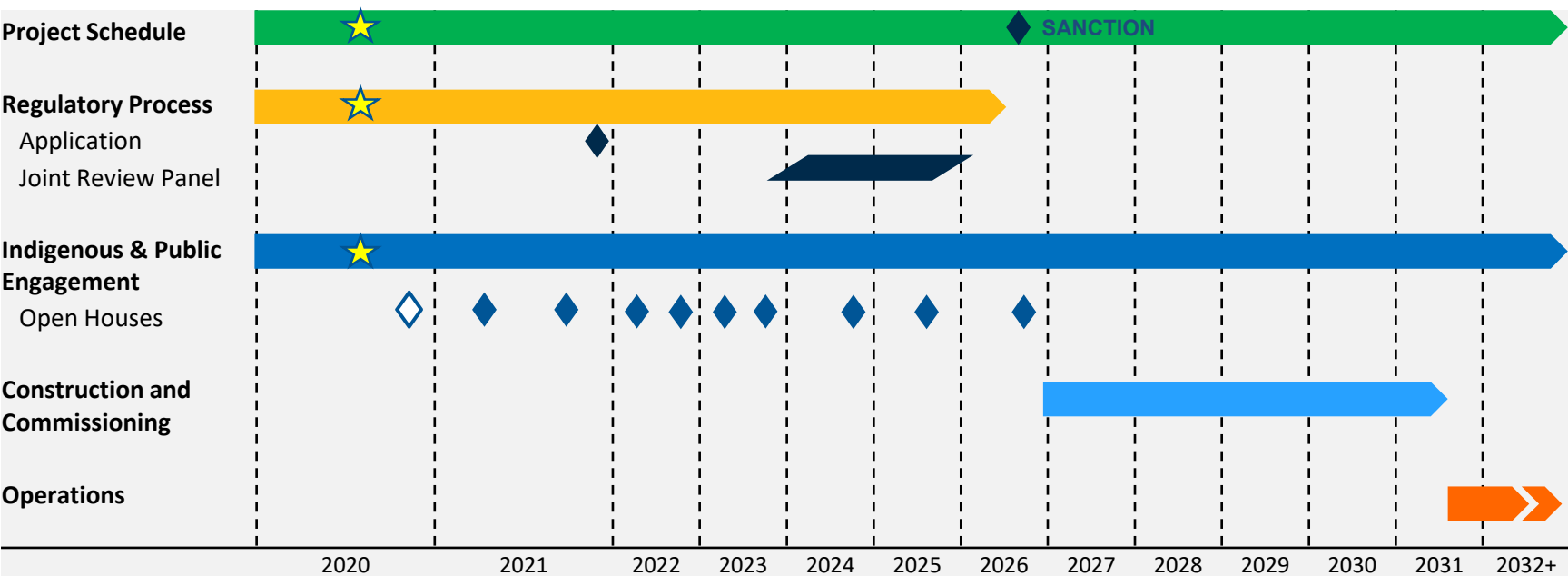


Regulatory Process and Engagement

- Parallel Provincial and Federal Regulatory Process-
- First oil sands mining project through new Federal Regulatory Process
 - Impact Assessment Agency of Canada
- Broad range of stakeholders to be engaged
 - Fort McMurray & RMWB
 - 38 Indigenous Communities & Affiliations
 - Includes downstream communities in NWT
 - Local interest groups
 - Environment Non-Governmental Organizations
- Engagement with Fort McMurray and RMWB
 - Updates to Mayor & Council
 - Virtual Communications
 - Committees
 - Open Houses, subject to COVID-19 Safety Protocols

Base Mine Extension Project Timeline Overview

Base Mine Extension



Next Steps

- Advancing through early engagement prior to application in Q4 2021
- Establishment of committees to provide active and ongoing community engagement:
 - Fort McMurray - Parson's Creek Committee
 - Suncor Base Plant Employee Committee
 - Indigenous Engagement Committees
- For more information:
 - www.suncor.com/BaseMineExtension
 - basemineextension@suncor.com
 - Toll-Free: 1-855-955-3054



Thank-you!

Comments and Questions

