

# Focused on Community & Indigenous Engagement



#### **Engagement Model**



- Community engagement focused on alignment with local stakeholders
- Evolution to ongoing community presence
- Increased participation

#### L3R Success in Canada



"Enbridge addressed our concerns and supported our aspirations by investing in our people and working with us to improve our infrastructure and enhance social programs."

Select Canadian First Nations Leaders, Open Letter, Aug 2019

#### L3R Success in Minnesota



Fond du Lac Band of Ojibwe: Extension of easement to 2039

Leach Lake Band of Ojibwe: Accommodation of re-route around reservation led to support at MPUC

Enbridge's local stakeholder engagement strategy underpins successful project execution

9

## Liquids Pipeline - Strategic Priorities



# Optimize the Base Business

- Increase system efficiency
- · Execute Mainline contracting
- Execute 2020 Mainline system capacity optimizations
- Cost management

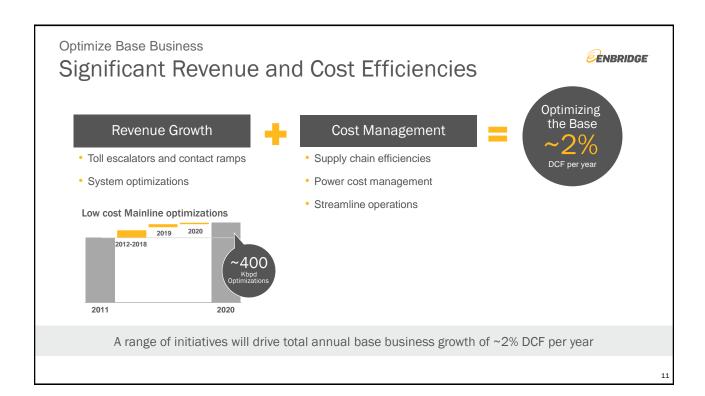
# Execute Secured Capital Program

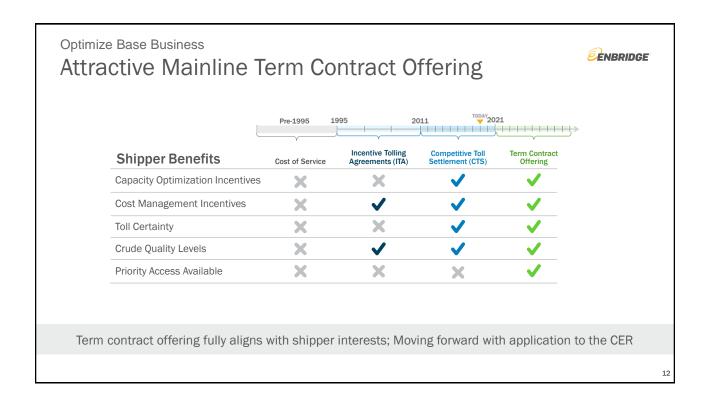
- Place Line 3 replacement into service in the U.S.
- Place Southern Access Expansion to 1.2MMbpd into service

#### Grow Organically

- Enhance and extend liquids value chain:
  - Expand regional gathering systems
  - Further Mainline optimizations
  - Expand Market Access pipelines
- Advance USGC value chain extension

Focus on expansion and optimization of existing assets and extension of value chain into USGC





Optimize Base Business

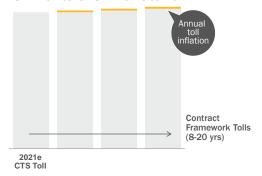
## Mainline Term Contract Application

## **ENBRIDGE**

## **Shipper & Public Interest Benefits**

- · Competitive and stable tolls
- · Open access for all shippers
- · Long-term demand for WCSB crude
- · Strong netbacks for producers
- · Future expansion capability
- Provides Mainline financial stability

# Average Contract Tolls Similar to CTS Exit Rate Toll



Enbridge's application will be compelling, well supported, with clear benefits to shippers and the public

13

#### **Optimize Base Business**

# Mainline Contracting Next Steps



#### **Estimated Process Timeline:**

Y/E Dec 2019 20 2021 File Application Regulatory: with CFR **Hearing Order** Information **Oral Hearing** Decision CER Hearings & Decisions Requests Issued Launch New Commercial: Mainline Framework Open Season in Effect

Enbridge expects a thorough and fair regulatory process; remains committed to contracting the Mainline

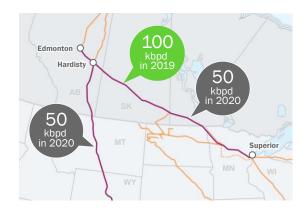
## Optimize Base Business

## **WCSB Egress Additions**

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- Much needed WCSB egress ahead of full Line 3 Replacement project
- · Aligned commercial interests with shippers
- · Capital efficient projects
- · Attractive risk-adjusted returns on investment

2019 Mainline Optimizations <sup>1</sup>	100 kbpd 🗸
2020 Mainline Optimizations <sup>1</sup>	50 kbpd
2020 Express Pipeline Expansion	50 kbpd



100kbpd of optimization completed in 2019; additional ~100kbpd of planned incremental WCSB egress in 2020

(1) Bridges throughput requirement pre-Line 3 in service

15

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## **Execute Secured Capital Program**

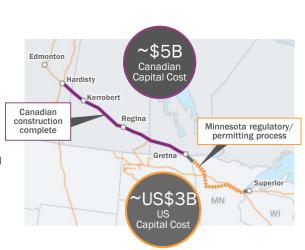
# Line 3 Replacement

#### Canada

- · Placed into service Dec. 1
  - Immediately enhances safety and reliability of the system
  - Interim surcharge of US\$0.20 per barrel

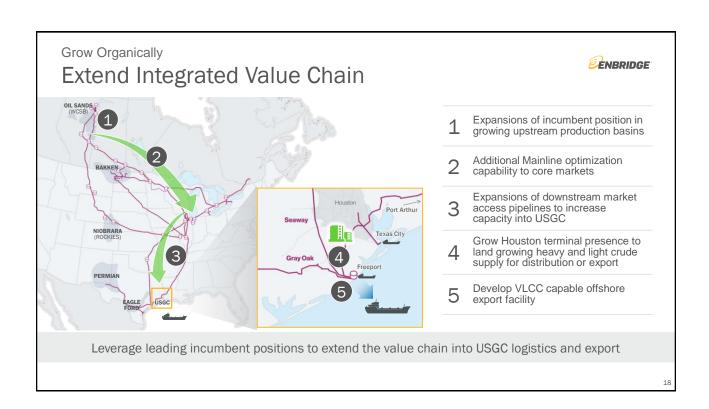
#### **United States**

- Progress on regulatory and permitting milestones
  - 401 Water Quality Certification re-submitted
  - Dec 9: Department of Commerce completed amended Environmental Impact Statement
  - Jan 16, 2020: Public comment period concludes
  - State agencies continue to advance work in parallel with MPUC process

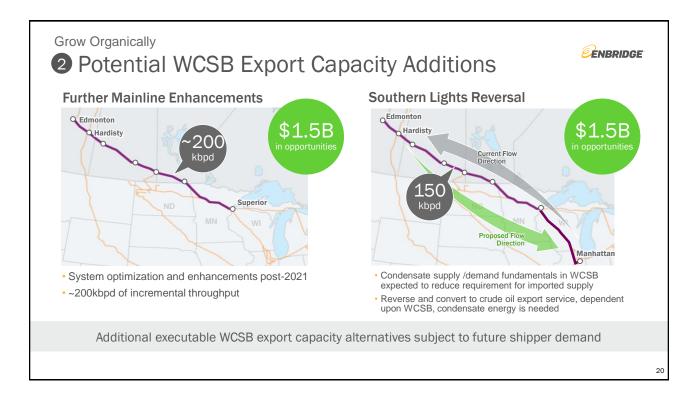


Critical integrity replacement project supporting the recovery of 370kbpd of WCSB egress

## **Execute Secured Capital Program ENBRIDGE** Line 3 Replacement - Minnesota Project Milestones **Anticipated Sequence of Milestones** Regulatory: EIS Adequacy Decision MPUC State Permitting: 401 Finalize Permitting Work Pollution Control Agency Finalize Permitting Work Dept of Nat. Resources **Federal Permitting:** US Army Corp Engineers Finalize Permitting Work ISD Construction: TODAY Will have greater clarity on specific timing of key regulatory and permitting milestones in the coming months



## **Grow Organically ÉENBRIDGE** Regional Pipelines **Regional Oil Sands Bakken Pipeline System** \$1.0B DAPL Patoka **ETCOP** · Oil sands development will drive need for regional infrastructure · Growing Bakken production will require pipeline solutions • Trunkline expansion potential: Athabasca, Woodland, Wood Buffalo • Bakken Pipeline System - DAPL & ETCOP open seasons underway · Norlite diluent pipeline expansion potential • Expandable to up to 1.1 MMbpd · Lateral connections Extremely well-positioned to aggregate growing regional production for downstream transportation/export

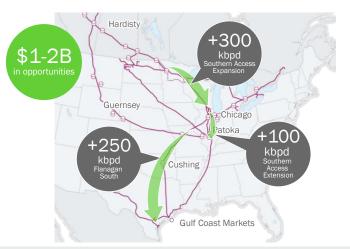


## **Grow Organically**

## 3 Market Access Expansions



- Mainline optimizations and Southern Access Expansion will enable volume growth into Chicago market
- Drives need to increase market access pipelines
  - Flanagan South expansion of 250kbpd into Cushing terminals and USGC markets and export facilities
  - Southern Access Extension expansion of 100kbpd to Patoka region



Further market access needed to facilitate delivery of growing supplies to market

24

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## **Grow Organically**

# 45 USGC Growth Strategy

# Fully develop the value chain of service offerings into the USGC

- Pipeline solution for growing production
- · Terminals store and stage crude
- · Last mile connectivity to refineries
- · Export opportunities including VLCC loading

## Heavy crude value chain: Unparalleled

· Focused on enhanced connectivity

## Light crude value chain: Developing

Evaluating upstream and downstream extension opportunities



Largest demand center; extend value chain to touch barrels at multiple points prior to end use delivery

## **Grow Organically**

## Advancing the USGC Strategy



- Seaway expansions
  - 200kbpd light crude open season
  - Further expandability for heavy growth
- Enbridge Jones Creek terminal
  - Up to 15 MMBbl terminal connected to Seaway with full distribution and export access
  - 100% own/operate; Target Phase 1 ISD 2022
- Enbridge/Enterprise Offshore Terminals
  - Enbridge ownership option on SPOT
  - Joint marketing and development of SPOT followed by Texas Colt



Expansion of USGC value chain into terminaling and exports

23

## **Liquids Pipelines - Summary**



- Critical link from WCSB to premium Midwest and USGC refining markets
- · Leverage existing footprint to extend value chain through to USGC export



~2%
per year
base business
growth
post-2020

- Mainline toll framework
- Throughput optimization
- Toll indexing
- Efficiency & productivity

~\$4B
Secured projects
in execution

- · Line 3 Replacement U.S.
- Southern Access Expansion

~\$2B per year future development opportunities

- System optimizations & enhancements
- Market expansions
- · Regional system access expansions
- USGC export infrastructure

# Q&A PENBRIDGE