

Scaling Up Conference

Biocarbon In Steel

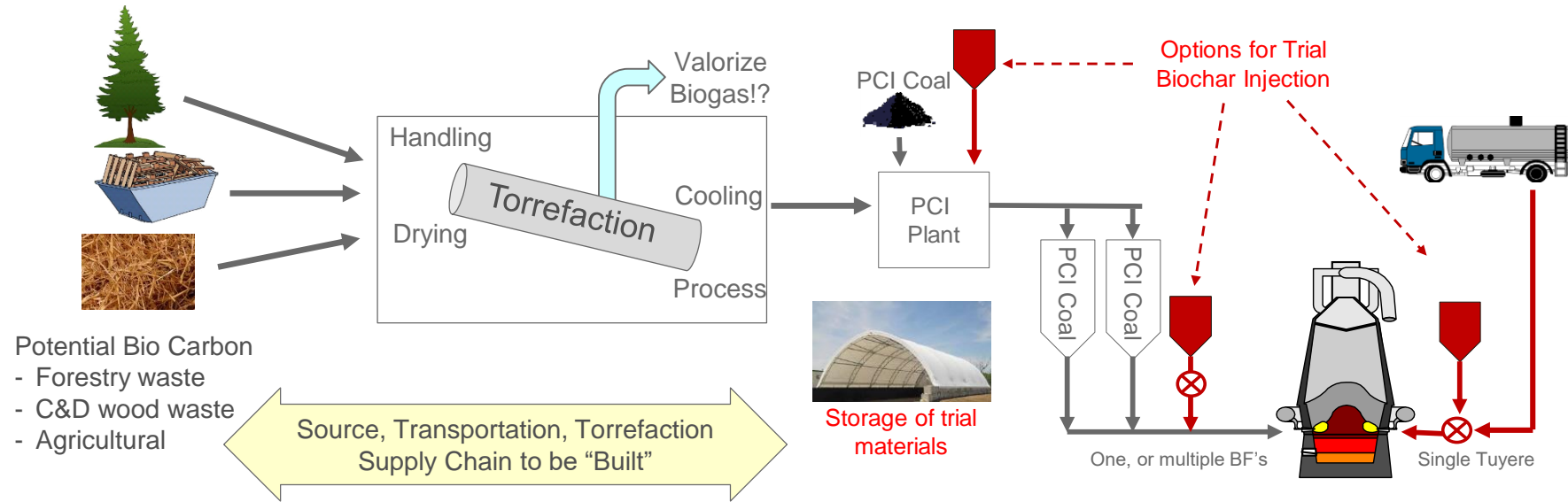
New Supply Chains, New Market Potential

November 7, 2018





Partners & Supporters



Bio Supply

- Domtar (also interested in conversion)
- Walker Industries (also logistics)
- FPIInnovations
- Canadian Forest Service
- Lac des Mille Lacs First Nations

Conversion

- Airex
- BC Biocarbon
- **Char Technologies**
- CanmetENERGY BioFuels
- ArcelorMittal Gent

Users

- **ArcelorMittal Dofasco**
- Other ArcelorMittal sites globally
- Canadian Steel Producers Association
- ArcelorMittal Gent

Consultants

- Ecostrat
- Cobden Strategies

Government & Agencies

- Ontario Ministry of Natural Resources and Forestry
- Ontario Ministry Food and Rural Affairs
- Ontario MEDJCT – Investment Office
- Ontario Centers of Excellence (OCE)
- Centre for Research & Innovation in the Bioeconomy

Others

- Canadian Carbonization Research Association (CCRA)
- **Canadian Biocarbon for Steel Working Group**
- Universities (underway)

Evaluation

- **CanmetENERGY Met Labs**

CLEANFYRE

CHAR
technologies





Canadian Steel Producers Association

- Canada's steel producers represent an **\$14B steel industry**.
- Our member companies annually produce approximately **12-14 billion million tonnes of steel, pipe and tube products** in 19 facilities spread across 5 provinces.
- Domestic steel operations directly employ some **23,000** Canadians.

