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*Toronto, Canada, 10th September 2025*

## The Energy Sector in Canada:

## Scenarios, Green Transition, and Emerging Technologies

# A success story : SICIM

*Speakers:*

CEO | Area Manager North America

Green Transition Manager - Corporate

# Who is SICIM

Global EPC Contractor, 26 Branches worldwide, HQ and main engineering office in Italy

Family owned, 60+ years history, recent years' average turnover 1+ bil, 10.000+ employees

Main Business: Oil&Gas cross-country pipelines and complex upstream-mistream plants

Business Model: EPC approach, Maintenance, Pre-FEED & FEED services


ENERGY TRANSITION new business line, including Green Hydrogen and Carbon Capture CCUS

# Canadian Projects 2021 - 2023


OPERATIVE OFFICE: EDMONTON (AB)

LOGISTIC AREA: EDMONTON AREA (AB)

DATE OF ESTABLISHMENT: 9th March 2014

MANPOWER employed: +2200 (incl. Partnership)

COLUMBIA BRITANNICA

Spread 8
Coastal Gas Link
48 inch – 55 km

Big Smoky Pipeline
20 inch – 110 km


Edmonton


Trans Mountain
Expansion
36/42 inch – 201 km

Brewster Pipeline
48 inch – 49 km

Urban Pipeline
Replacement
20 inch – 14 km

# Canadian Market: SICIM experience


Local Partnership

Indigenous relationship & local communities development

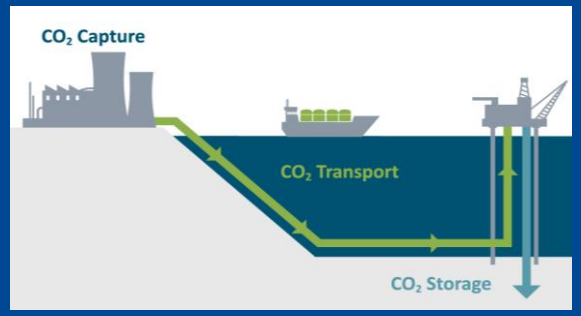
Environmental constraints (protected areas)

Terrain Conditions (steep slopes, snow melting, cold weather, rock)

Availability of local Resources (personnel and equipment) and immigration

# Energy Transition Focal Markets

## CCUS & Energy Storage




## Green Hydrogen production


## Green derived molecules, e-fuels

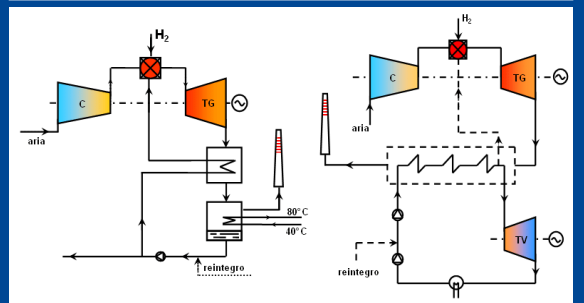
## Biogas & Biomethane

European Clean Hydrogen Alliance

## Solar Plants

## DeCarbon – Nuclear - Hard to abate

## Renewable Gas to Power




## Gas & Low Carbon Energies

# A successful business model: from Oil & Gas to Energy Transition

SICIM selected for Nos. 2 EPC Projects – North Europe
Hydrogen Generation Plants (2 x 25 MW) – to grid & filling station

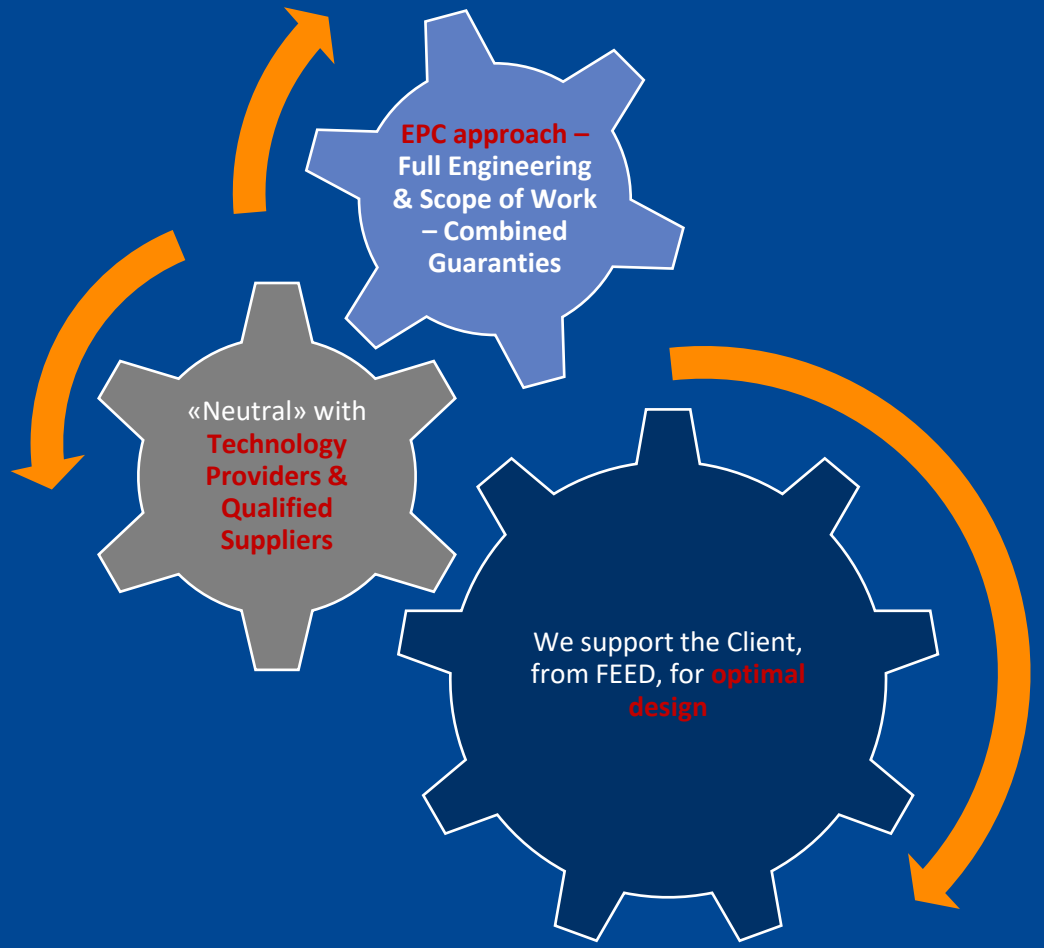

SICIM selected for EPC Project – Iberia Peninsula
H2 & O2 Production & Distribution to Off takers (40 MW)

FEED design executed – European Airport
H2 plant to feed airport buses (1 MW)

Tendering processes for EPC Projects – Europe
Photovoltaic and Biomethane production

Qualification to huge Hubs & Eco-systems
CCUS Carbon Capture Utilisation & Storage

**An integrated & extremely flexible approach…**



# Approaching Energy Transition in Canada

## Canada's Energy Transition: Strategy & Current Landscape

**Policy & Targets:**

Net-Zero Emissions Accountability Act (2021), Carbon Pricing, Clean Electricity Regulation

**Canada's Electricity Mix (2022):**

82% of electricity from non-emitting sources, majority from Hydro

**Regional Diversity:**

Hydro-dominated: Quebec, British Columbia, Manitoba

Fossil-heavy: Alberta, Saskatchewan

Mixed: Ontario (nuclear, hydro, wind, solar, gas)

Success requires **region-specific strategies and local partnerships**

## Investments, Sectors & Technologies for Net-Zero

**Fiscal & Investment Measures;**

Clean Economy/ Investments Tax Credits (CCUS, H2, clean techn. & electr.),
Growth Fund & green Infrastructure Bank, R&D

**Strategic Sectors & Regional Diversity:**

Quebec/BC lead in renewables;
Alberta/Saskatchewan on oil & gas and CCUS;
Ontario: nuclear and clean manufacturing

**Key Technologies for the Transition:**

Solar PV target 35 GW (2050), Wind 30 GW (2030), CCUS 368 projects by 2030, H2 up to 30% of energy by 2050, Biofuels Growing in transport/industry, Energy Storage Rapid growth

## What SICIM can Offer (on the top of Oil & Gas field)

**FEED & EPC solutions in the Energy Transition**, incorporating Technology Providers in its scope

**Sectors**: Renewables, Green Hydrogen, Carbon Capture & Storage, combined plants to Green Molecules, Biogas & Biomethane, Energy Storage

**Added Value**: high level of competence, value engineering, constructibility, cooperation with primary technology providers, competitiveness

**Country**: experience to adapt above values to the different Canada market areas as requested

**Strategic Partnership for H2 in Eastern Region**

# Questions & Observations