



CANADIAN SOCIETY FOR UNCONVENTIONAL RESOURCES

Strategy Evolution

Introduction

CSUR proposes to expand its strategic outlook to include addressing the 21st century evolution to a global economy with more diverse energy sources and fewer environmental impacts. We remain committed to technical, regulatory and business issues associated with unconventional hydrocarbons, but will broaden our scope to address and communicate the important role of our industry in the future of global energy supply.

CSUR will lay out a clear path to further understand what energy evolution – sometimes called the Energy Transition – means to our industry and to Canada.

This document opens with CSUR's Value Statement and history, then expands upon our actions to address energy evolution.

Value Statement

CSUR provides value to our members by communicating accurate, unbiased and relevant technical information to our membership, governments, Indigenous Peoples and communities. Our data show that Canadian oil and gas is sustainably produced with extremely high environmental, social and governance (ESG) standards. Our careful analysis of technical, regulatory, social and business issues demonstrates that oil and gas must play important roles in energy evolution throughout the 21st century.

Our mission and values are particularly critical at a time when oil and gas, and the companies that produce them, face many challenges, many related to ESG issues. CSUR will address these challenges, recognizing that Canadian oil and gas are essential in supplying energy to an energy-hungry world.



CSUR Background

CSUR's historical success and ongoing relevance arises from our flexibility in addressing the key issues of the day in the oil and gas industry.

We started out focused on coalbed methane, but became the Canadian Society for Unconventional Gas (CSUG) when unconventional tight and shale reservoirs became important producers. When liquids and oil from low-permeability reservoirs joined the game, we evolved to CSUR to encompass them as well.

But CSUR is not just another technical society. Our broad scope, encompassing engineering and geoscience in resource characterization and production, regulatory issues, industry policy, business and finance addresses many needs in our diverse membership and questions in the public domain. Most notably, since our inception CSUR has been a champion of environmental protection associated with unconventional oil and gas production.

CSUR's Evolving Role in Energy Evolution

CSUR facilitates the exchange of accurate scientific and technical information about unconventional oil and gas among our extensive and diverse membership. We have increased our focus on environmental issues as they have become more important, and through our Outreach program, we have communicated our knowledge to ever-wider academic, government, and public communities. Our recent public narrative around LNG is an excellent example, and our Climate Statement demonstrates our commitment to all aspects of modern science.

However, the financial health and viability of the oil and gas industry has come under pressure from global business and pricing cycles, the COVID-19 pandemic, and increased expectations for continued improvement in environmental performance. CSUR's role must continue to evolve in response, and in parallel with our membership, by addressing the rapidly-developing energy evolution of the 21st century.

Humanity's energy sources have evolved continuously over time, driven by new technologies harnessing ever-cheaper and more energy-dense sources – from the power of the human body at the dawn of civilization to today's mix of coal, hydrocarbons, nuclear, and hydropower. The energy supply mix will continuously evolve as technology develops and new energy sources become commercial.

Studying past transitions, energy researchers like Dr. Vaclav Smil show that hydrocarbons will be important energy sources for decades to come. Engineers, scientists, and business people that bring energy to market – planning, financing, permitting, construction, trouble-shooting, and implementation – understand the challenges inherent in the pace of energy supply change.

CSUR is uniquely positioned to address 21st century energy evolution, highlighting the vital roles of oil and gas for the foreseeable future. Our academic, scientific, engineering, business, and regulatory members understand the challenges of building today's energy sources, and the enormous tasks in the coming decades to include more diverse energy sources. They appreciate the impacts of global climate change as well as the many other environmental issues we face, and they know that oil and gas will be critically important to meet humanity's needs through much of the 21st century. CSUR can draw upon this knowledge and our reputation for accuracy and factualness, without the political and ideological burdens carried by advocacy groups on all sides of the issues.

The oil and gas industry has been accused of responding weakly to the challenges of Canada's energy evolution and climate policy targets. Improved communication to the public is needed to emphasize industry's proactive role in meeting these challenges.

In closing, our members are developing a variety of strategies to meet future energy goals, including plans to achieve net-zero emissions while supplementing with diverse energy sources. CSUR will strive to improve communication with the public regarding the industry's proactive role in meeting these challenges. In short, CSUR will be there to provide technical, business and networking support as we move through these challenging times together!