

EDMONTON, ALBERTA and SAINT JOHN, NEW BRUNSWICK, CANADA – November 17, 2017 Mariner’s SHIFT Energy will deploy their proven artificial intelligence (AI) software to advance energy efficiency in Alberta with funding from SDTC and ERA. Energy Optimization Software (EOS) is a flexible smart building solution that delivers a significant financial impact (saving 10-20% of a facilities gross energy cost) in a short amount of time while reducing overall carbon footprint. SHIFT Energy will use the \$2.4 million (\$1.2 million each from federal and provincial governments) to deploy their technology across Canada in their target markets – healthcare, commercial office buildings, venues, and airports. SHIFT was awarded the funding with consortium members BGIS and EllisDon who will be a part of the deployment in the selected sites.

“Our technology has been developed and proven in the market with partners like the Diamond Healthcare Centre at Vancouver General Hospital, the Rogers Arena in Vancouver as well as AMALIE Arena, home to the Tampa Bay Lightning. This funding will provide multiple proof points for a variety of SHIFT Energy’s target markets and help with the broader adoption of EOS across venues, healthcare facilities, commercial buildings, airports and data-centres. We’re looking forward to the opportunity to partner with Canadian businesses to help achieve Canada’s and Alberta’s GHG reduction goals through the deployment of innovative Canadian technology,” says Mariner CEO, Curtis Howe

The Honourable Amarjeet Sohi, Minister of Infrastructure and Communities, on behalf of the Honourable Navdeep Bains, Minister of Innovation, Science and Economic Development, announced a federal government investment of \$13.5 million, through Sustainable Development Technology Canada (SDTC), to advance technologies being developed by small and medium-sized clean tech enterprises. Government of Alberta funding of \$15.3 million, through

Emissions Reduction Alberta (ERA) and Alberta Innovates, was also announced today by the Honourable Christina Gray, Minister of Labour and Minister Responsible for Democratic Renewal, on behalf of Deron Bilous, Minister of Economic Development and Trade, for a total investment of \$28.8 million in 11 Canadian clean tech businesses.

The funded projects will result in lower greenhouse gas emissions, cleaner methods for oil and gas mining, better energy efficiency in buildings, and other environmental and economic benefits that ensure the health of our communities.

“Our government’s investments in clean technology reflect our commitment to innovation and protecting the environment. Being innovative and investing in the clean tech sector leads to the development of products and services that benefit all sectors of the economy and creates thousands of well-paying jobs for Canadians. I’m pleased to see the federal government and Alberta collaborate on these important investments in the health of our communities.” – The Honourable Amarjeet Sohi, Minister of Infrastructure and Communities

SHIFT Energy’s EOS is a highly secure cloud-based software that works with existing building systems to automatically reduce energy costs and GHG emissions in a wide variety of buildings. It works with building systems, including Building Automation Systems, to gather minute-by-minute operational data and store it in the cloud. EOS analyzes that data, along with weather forecasts, time of day pricing of electricity, occupancy and event schedules and uses Artificial Intelligence to determine how to maximize everyone’s comfort while saving the most money. Energy costs are reduced, and day-to-day operations simplified without giving up comfort or operational compliance. EOS is the perfect solution to make a smart building smarter.

About SDTC

Sustainable Development Technology Canada is a foundation created by the Government of Canada to invest in clean technologies that address issues related to climate change, air quality, and clean water and soil. SDTC invests in Canadian companies that contribute positively to Canada by creating quality jobs, driving economic growth and protecting the environment. For more information, visit www.sdtc.ca.

ABOUT EMISSIONS REDUCTION ALBERTA (ERA):

ERA works with industry, government and the innovation community to invest in and advance the solutions Alberta needs to reduce greenhouse gas emissions and build a stronger, more diversified economy. To date, ERA has committed to more than \$327 million in funding to over 120 projects with a total value of over \$2 billion.

About SHIFT Energy

SHIFT Energy, a member of the Mariner group of companies, developed Energy Optimization Software (EOS) to make smart buildings smarter by automatically optimizing energy used in heating, ventilation, air conditioning and lighting. EOS uses big data analytics, cloud computing and Artificial Intelligence to improve comfort for building occupants, increase the life of major building systems, reduce energy costs and GHG emissions. SHIFT Energy works with companies like EllisDon and BGIS to offer solutions for venues and arenas, healthcare facilities, commercial buildings, airports and data-centres. Further information is available at www.shiftenergy.com

About BGIS

BGIS is a leading provider of real estate management services, including facilities management, project delivery services, energy and sustainability solutions, building performance management, workplace advisory and management, and real estate services. With a combined team of over 7,000 team members globally, BGIS inspires better business performance across its client's real estate portfolios by developing and implementing real estate and facilities management strategies. Further information is available at www.bgis.com

About EllisDon

EllisDon is one of North America's leading construction companies. They're a market leader in the design, construction and operation of intelligent buildings. EllisDon works with both building owners and operators to drive operational and lifecycle savings. EllisDon provides Shift Energy with the integration design and infrastructure required for EOS, allowing effective deployment of EOS' efficiency automation strategies. Further information is available at www.ellisdon.com