

PRESS RELEASE9th August 2018

For Immediate Release

2018 Asian Games to demonstrate a hydrogen-enabled zero-emission transport future

High penetration of renewables to the power mix is now possible and enabled by hydrogen-based transport and energy storage, through cross sectoral power infrastructure integration

The 2018 Asian Games, being held in Jakarta and Palembang, Indonesia, from 18th August – 2nd September, will see hydrogen-powered vehicles, delivered by integrated energy infrastructure provider and zero emission mobility provider, Ecubes Arcola, demonstrated throughout the duration of the games.

Supported by Imperial College, one of the world's top ten universities, Ecubes Arcola will also be running a week-long education roadshow in Indonesian cities, providing hands-on technology workshops for over 1,000 young people in South Sumatra & Java, plus open-access displays for all visitors to Jakabaring Sports City, home to many of the Asian Games venues.

This programme is part of a wider Ecubes Arcola strategy to delivery hydrogen-powered, clean energy infrastructure across the region via complementary projects across the power generation and supply and transport sectors, based on the technology.

»Delivering solutions for sustainable energy world is no longer a matter of overcoming technological obstacles, but about leadership challenges. South Sumatra is showing strong leadership in developing a green economy, as indicated by pioneering solutions based on hydrogen related technologies since 2016« says **Aleksander Gerbec, President Director of Ecubes Arcola**

»Cross-sectoral integration of infrastructures enables increased and accelerated penetration of renewable energy into the power mix, whilst simultaneously delivering zero emission transportation«, added **Dr Ben Todd, Managing Director of Ecubes Arcola.**

Alongside activity at the games, 10th August will see a media event at the Foreign and Commonwealth Office in London, promoting clean energy Investments in Indonesia and marking the practical launch of the partnership between Ecubes Arcola and the sponsor of the Asian Games Education programme in the ASEAN region, Serba Dinamik. Speakers at the event will

include the UK Prime Minister's Envoy to Indonesia & ASEAN, Richard Graham MP; Alex Noerdin, South Sumatra Governor, and representatives of several UK government departments.

The event will also showcase the cutting-edge of UK zero-emissions technology with a demonstration a double decker hydrogen fuel cell electric bus, developed by Arcola Energy using an Alexander Dennis base vehicle, making a journey to Westminster.

UK Prime Minister's Trade Envoy to Indonesia Richard Graham MP said: *»Increasing our trade with Indonesia is an important goal and I strongly support the Ecubes Arcola partnership in South Sumatra, which will benefit both our countries.«*

The programme's mission in Indonesia, is to demonstrate the way power infrastructures can be designed to enable clean, affordable energy, and clean air, for everyone. The programme is already starting to provide exciting opportunities for the development of a new, low carbon, circular economy in Indonesia. The programme for the 2018 Asian Games is a precursor to the 2020 Tokyo Olympics where hydrogen-enabled power and transport will be a key part of the infrastructure.

Dato' Karim, Group CEO, Serba Dinamik said *»Serba Dinamik is delighted to support this important programme which opens the door to a wide range of cleaner energy projects in South Sumatra, as well as educating the engineers of tomorrow in the technologies which will shape their world.«*

Having committed to the development of and clean energy infrastructure zero emission mobility in 2016, the government of South Sumatra is playing a leading role in the ASEAN region, with ambitions plans for now in place for the transition to a zero-emission energy infrastructure.

Governor of South Sumatra, Alex Noerdin said *»South Sumatra has great potential for renewable energy. Over the next 25 years we will see the transformation of our power generation and transport systems to zero emission technologies, ensuring we have clean air and affordable renewable energy. We will start at Jakabaring Sport City, which will become a showcase for wider region for implementation of clean infrastructure, enabled by using hydrogen to store and transport energy.«*

Regent of Musi Banuasi Dodi Reza said *»In order to realise our vision for clean energy and economic growth we must succeed in implementing new energy concepts involving high penetration of renewables in the power mix. This can only be achieved by aligning all participants in the value chain, working both top down from the vision and bottom up from the practicalities of each site and of each technology. It is this approach which has enabled the first project in this programme to proceed, and it will ensure the success of future projects.«*

ENDS

NOTES FOR EDITORS

Pre-registration (and **Photo ID**) is required for the media event at the Foreign and Commonwealth Office. Please contact: natalja@ecubesarcola.com

There will be photo opportunities (featuring the bus and UK government representatives) at:

- 9am – 1.30pm @ Imperial College, Queens Lawn, off Imperial College Rd, South Ken, SW7 5NH
- 2pm Outside Foreign and Commonwealth Office (Parliament St, adjacent to the Cenotaph)
- Please allow 30 minutes to clear security

10th August timetable

Venue: Imperial College, Queens Lawn, off Imperial College Rd, South Ken, SW7 5NH

- **9am – 1.30pm**
Bus on display
(Photo and broadcast footage opportunities)
- **1:00pm – 1:30pm**
Interview opportunities with Ecubes Arcola and Serba Dinamik
- **1:30pm – 2:20pm**
Bus journey for media from Imperial College to Foreign and Commonwealth Office

Venue: The Foreign Office, King Charles Street 2pm.

(Pre-registration and Photo ID is required for access. Please allow time to clear security)

- **2pm** – arrivals & refreshments
- **2.30- 4.30pm** Presentations

Provisional speaker schedule

- **Welcome & Introductions, Aleksander Gerbec, President Director, Ecubes Arcola**
- **Natasha Robinson, Joint Head, Office of Low Emission Vehicles, UK Department for Transport**
- **Emma Fenton, Senior Policy Officer – Air Quality, Greater London Authority**
- **James Watts, Deputy Head, London, Exports and Investment, Dept. for International Trade**
- **Governor Alex Noerdin, South Sumatra Province, Indonesia**
- **Regent Dodi Reza Alex, Regency Muba, South Sumatra, Indonesia**
- **Dato' Karim, Group CEO, Serba Dinamik**
- **Charles Purkiss, ITM Power**
- **Dr Ben Todd, Managing Director Ecubes Arcola**

ECUBES ARCOLA is a cross-sectoral integrated energy infrastructure provider; delivering solutions for affordable, low-carbon distributed power generation and zero emission mobility. It is a UK registered Joint Venture between Ecubes Technologies and Arcola Energy. The two companies also have further collaborations with Norwegian offshore specialists IMS Group. <http://ecubesarcola.com>

ECUBES TECHNOLOGIES is a Slovenian energy strategy consultancy, with deep understanding of challenges at transmission system operator-level, focusing on clean energy infrastructure and cross sectoral power infrastructure integration. Our work includes project developments on resilience in civil and defence sector in Europe. We have been active in South Asia for many years, developing a very strong network in Indonesia based on identifying a combination of acute needs and opportunities for visionary leadership. <http://ecubes.eu>

ARCOLA ENERGY is an internationally respected UK company specialising in system engineering of hydrogen and fuel cell technologies and project development of clean energy and transport schemes. We develop zero emission vehicles and clean energy systems and work with partners to put together complete projects including both cutting-edge technologies and the required infrastructure. We are at the centre of a network of leading UK manufacturing businesses, international supply chain partners and UK academic expertise. UK partners include global bus manufacturer Alexander Dennis and leading hydrogen refuelling provider ITM Power. We work with hydrogen and fuel cell sector leaders from Europe and North America including Ballard Power Systems, Hydrogenics and Symbio FCell and leading global players active in the sector, Toyota, Shell, Anglo American, BOC/Linde. <https://www.arcolaenergy.com/>

SERBA DINAMIK is an international energy services group providing engineering solutions to the O&G and power generation industries with operational facilities in Malaysia, Indonesia, UAE, Bahrain and the UK. Our capabilities include Engineering, Procurement, Construction and Commissioning of plants, facilities, road infrastructure and buildings as well as design and installation of process control, instrumentation auxiliary power generation and firefighting systems. We provide Operation and Maintenance services for O&G production platforms, refineries, petrochemical manufacturing plants and LNG plants. As an extension of our core competencies in providing maintenance services, we have started to embark on our asset owner business model strategy with our first CNG plant in Muaro Jambi, Sumatra in Indonesia. Moving forward, we will continue to expand on this strategy through the development of small gas power plant and water utilities in Indonesia. <http://serbadinamik.com/>
