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Vision: Safe, secure and affordable nuclear energy for a clean and sustainable world

Mission: License and build a commercial molten salt reactor in the 2020s

*July 2016*

## DISCLAIMER

*This presentation may contain “forward-looking information” as such term is defined under applicable Canadian securities laws. Forward-looking information is disclosure regarding possible events, conditions or results of operations that is based on assumptions about future economic conditions and courses of action and may include future-oriented financial information (“FOFI”) and information presented in the form of a “financial outlook” with respect to prospective results of operations, financial position or cash flows that is presented either as a forecast or a projection.*

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# NUCLEAR INFRASTRUCTURE COUNCIL

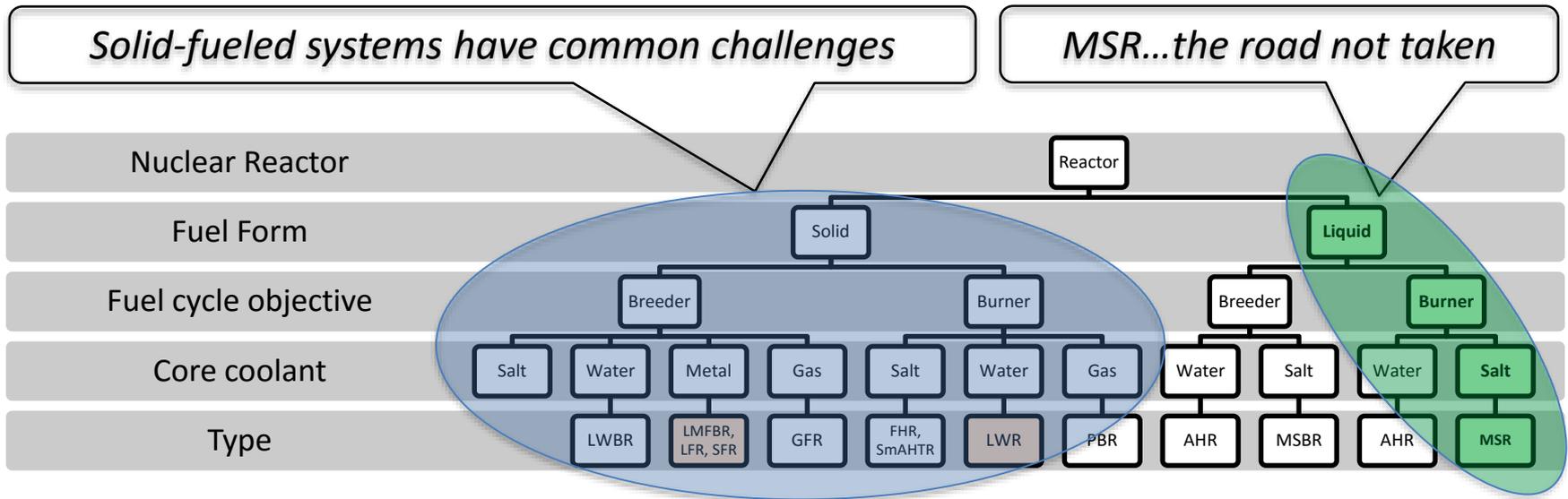
12<sup>th</sup> July 2016

## Special Summit on Global Nuclear Energy Markets



# “NUCLEAR ENERGY” IS A RICH TAPESTRY

Liquid fuel, salt cooled burners offer unique competitive advantages



## Today, the market factors driving reactor development are different:

- Cost innovation through passive safety
- Small modular reactors
- Hot operation for Industrial Process Heat use

## TERRESTRIAL ENERGY'S IMSR™

**Growing market demand for energy innovations that “change the game” – driven by escalating demands for scalable clean energy solutions for all industry, not just the grid**

**Unique Safety Case of IMSR™ supports commercially critical cost-innovation**

- Potential to dispatch heat and power at life-of-plant costs that are competitive with fossil fuel alternatives

**IMSR™ produces 600 °C BTUs in the form of a hot solar salt**

- Applicable to many industries
- Balance-of-plant is remote and IMSR BTU use is expected to be a non-nuclear activity

**IMSR™ has a high level of technology readiness**

- No substantive technical issues remain
- Ordinary detailed nuclear engineering work required for IMSR™ commercialization
- First Commercial Plants in the 2020s

**IMSR™ can play a very broad role in our primary energy system**

## CONTACT DETAILS

***THANK YOU!***

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