

# Tidal Hydrogen

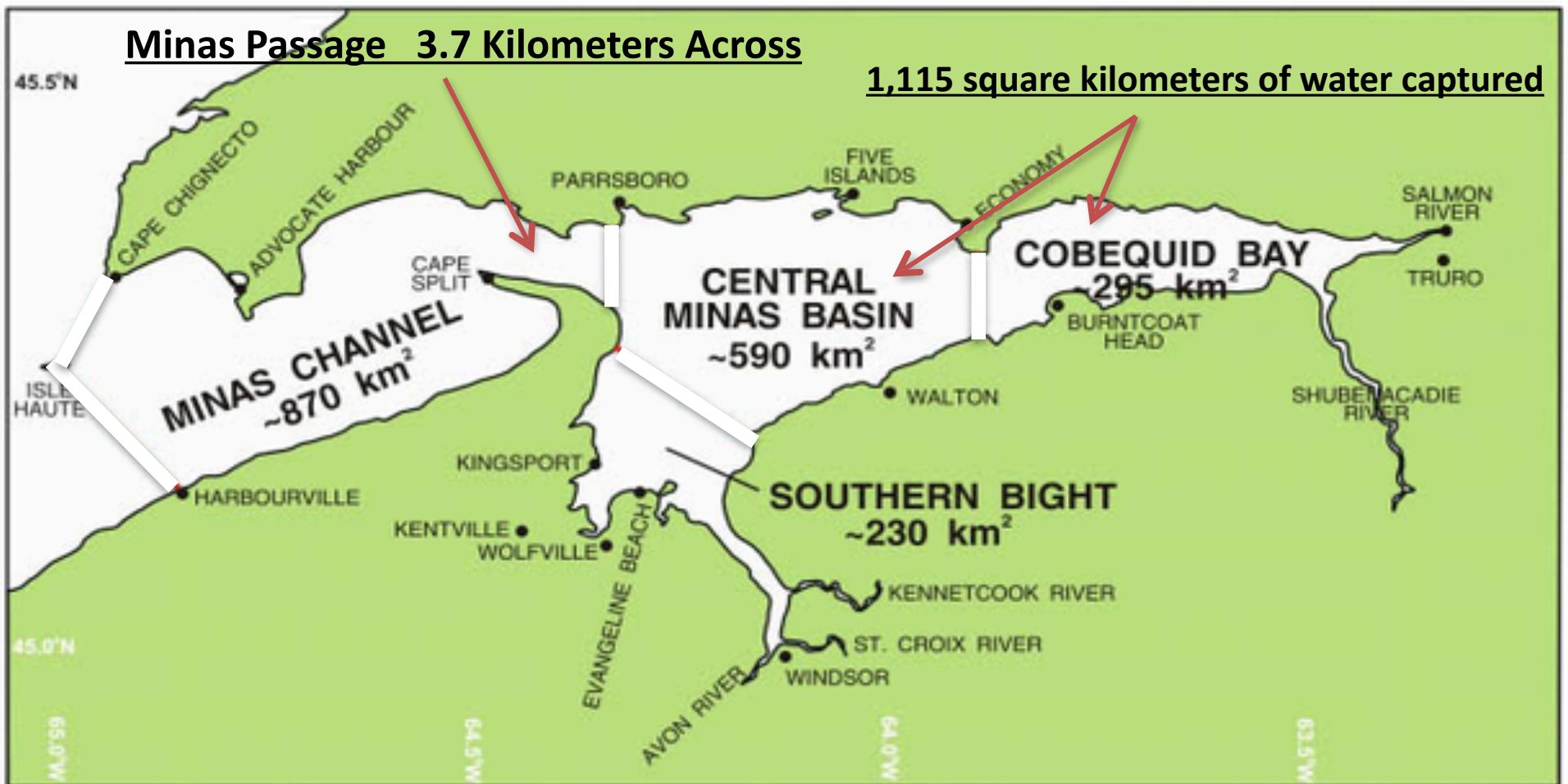
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*As we speak.....*



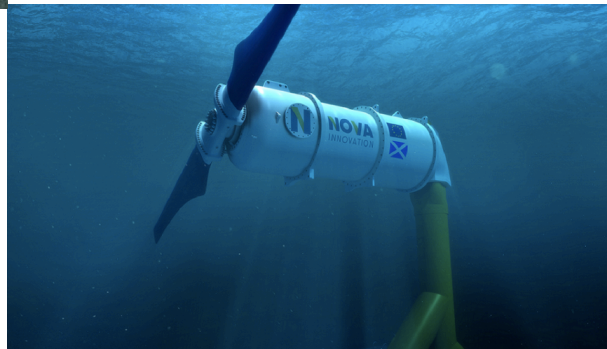
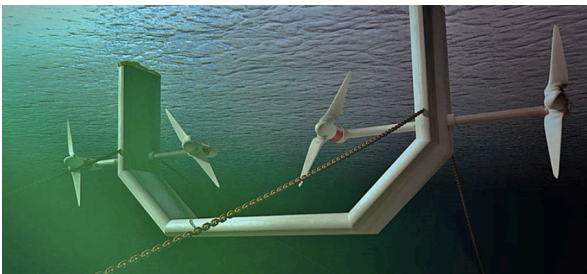
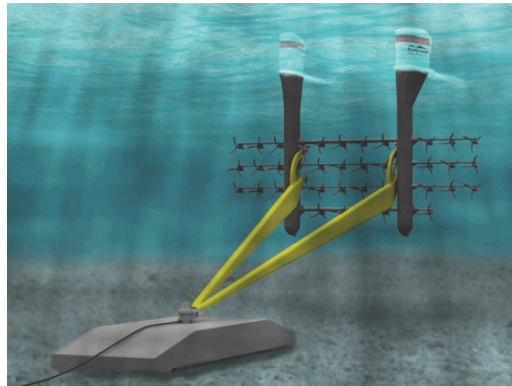
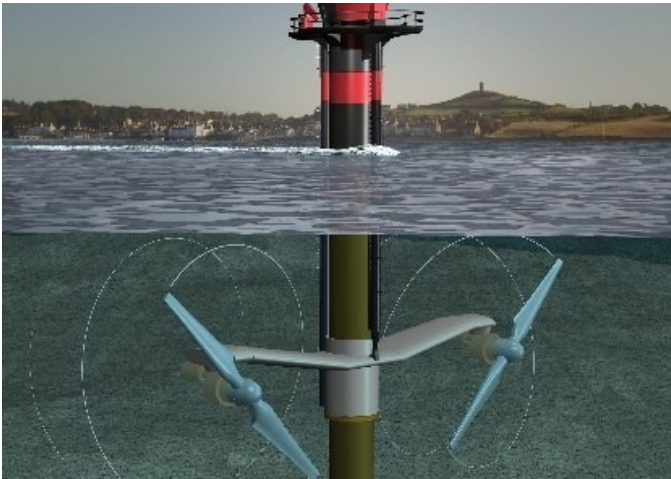
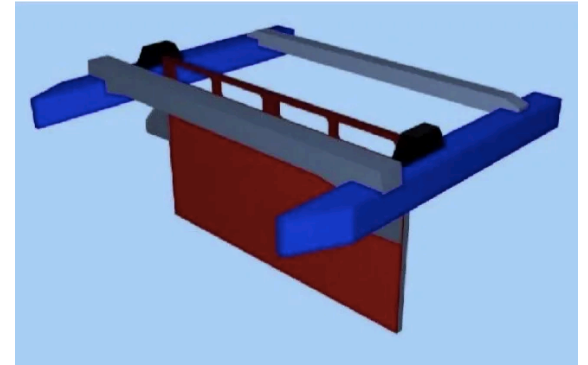
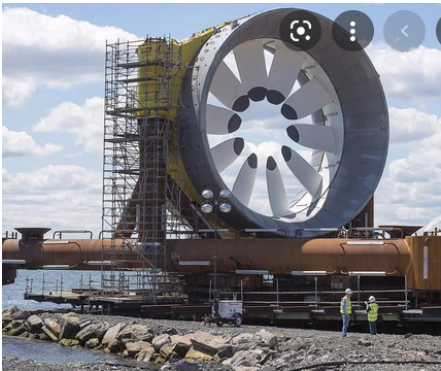






- “40 times greater than the flow of water from the St. Lawrence River”
- “The equivalent outflow of all the world's fresh water rivers is less than the amount of water that moves out of the Bay of Fundy”.
- “The Holy Grail of Tidal Power” 1,115 Sq Kms of water captured on the inside

# We Have Dabbled.... *Time to get serious*



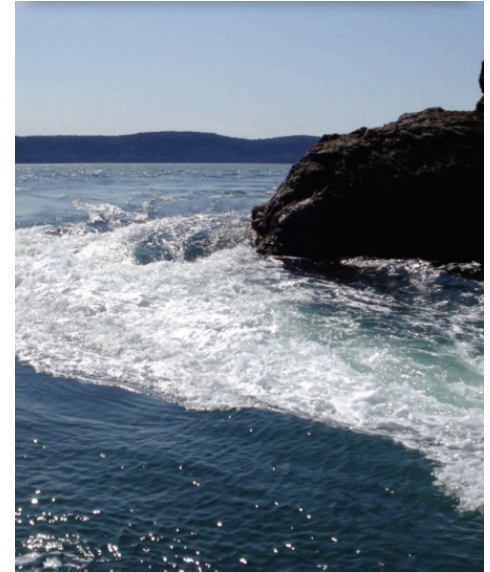


# Scottish Tidal Power Unit Producing Electricity now



## The realistic potential power from the Bay of Fundy tides is

- 3,000 to 7,000 MW of power
- 3+ times the potential of Muskrat Falls
- Estimated equivalent of 1,700 to 3,500 wind turbines.
- 100% predictable to the second...forever.
- Not subject to wind, sun, floods or draught as other sources of zero emission energy
- The only **CONSTANT** zero emissions energy producer





# Key Goals of Canada's Hydrogen Strategy



- Canada will create **regional hydrogen hubs** domestically to take advantage of different regional strengths for Hydrogen production and utilization opportunities.
- By 2050, clean hydrogen will deliver up to **30 percent of Canada's energy**.
- Canada will become one of the **top three producers** of clean hydrogen globally by 2050.
- Canada will capitalize on **hydrogen export opportunities** and become the world's hydrogen supplier of choice.

# **An electrical generation system 100% dedicated to the production of hydrogen in the Bay of Fundy could**

- Create a regional hub for manufacturing and exporting of **zero emission Hydrogen** while adding value and jobs to a natural resource.
- Provide enormous amounts of **100% zero emission hydrogen** to meet Canada's goal of 30% hydrogen.
- Help make Canada a major global exporter of **100% zero emission hydrogen**
- **Make Canada a leader and exporter of Tidal Hydrogen technology. Our universities will world be leaders in zero emissions.**





*By 2050, clean hydrogen will deliver up to **30 percent** of Canada's energy.*



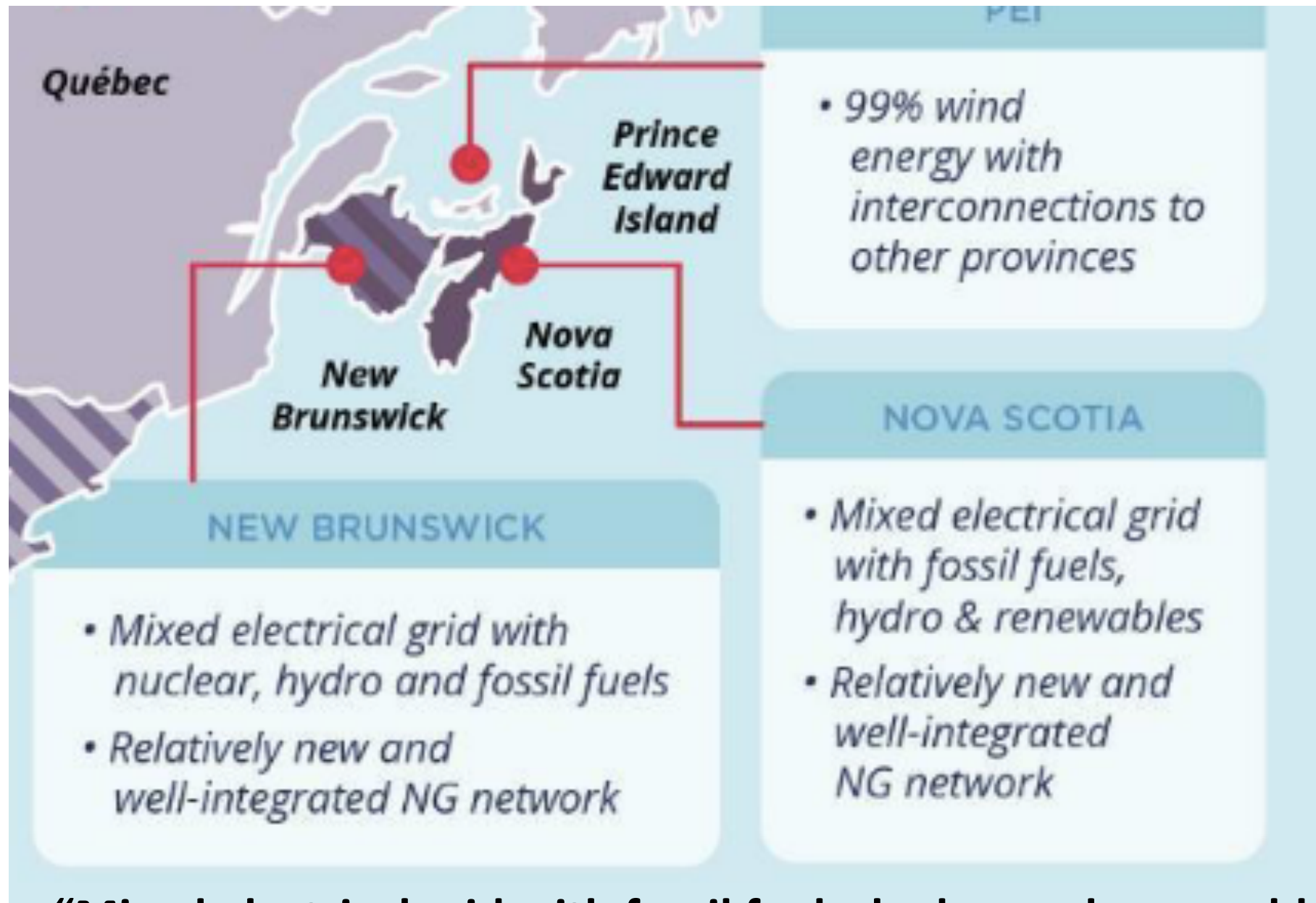
President Biden dedicates \$9.5bn for the hydrogen industry in \$1.2 trillion Infrastructure Investment and Jobs Act

*Hydrogen is one of the “six industries of the future”, indicating that **the country will invest significantly in hydrogen innovation and development.***



**Proposes Hydro, Solar and Nuclear for Atlantic Hub  
No Mention of Tidal Hydrogen**





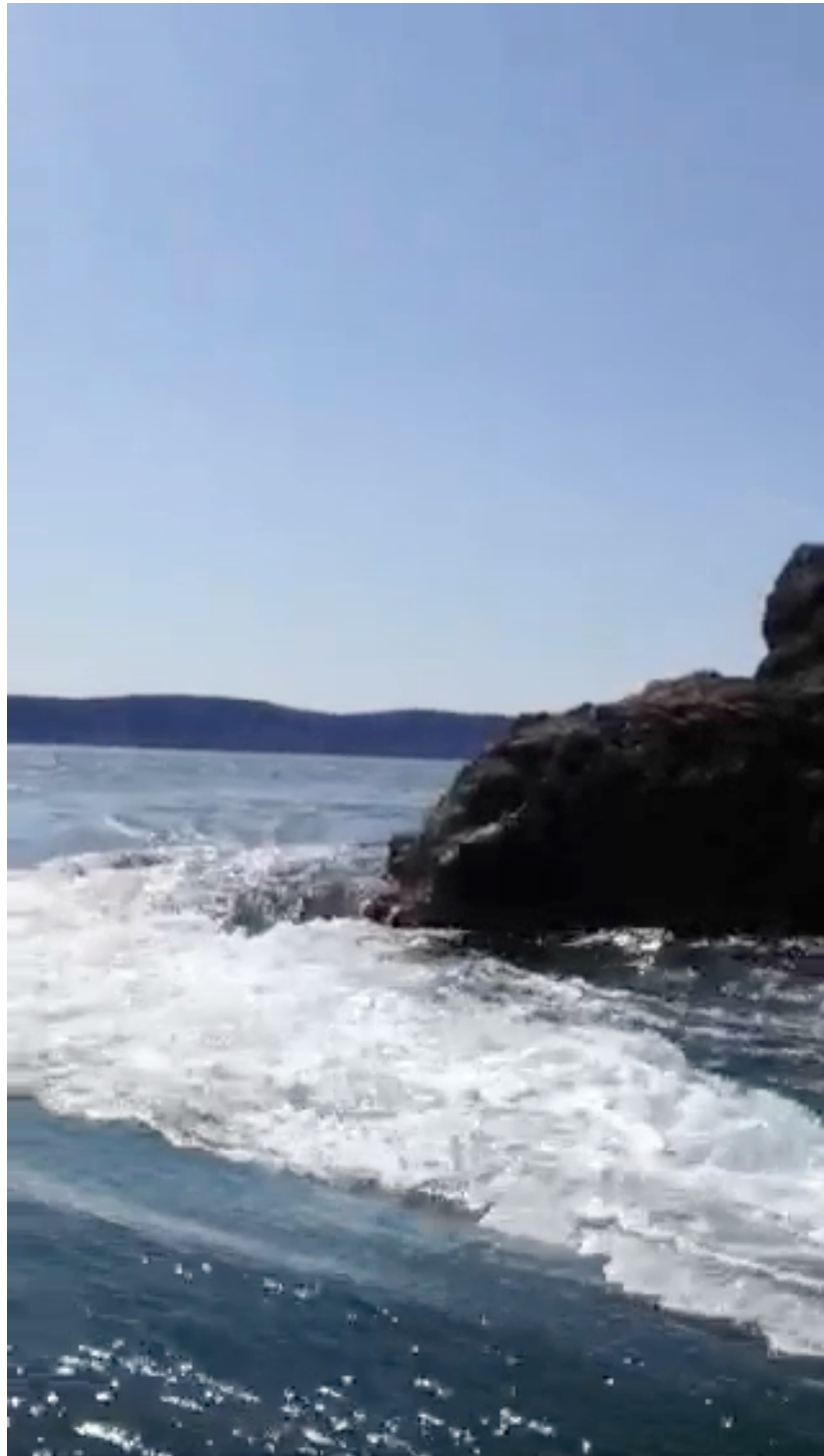
**NS: “Mixed electrical grid with fossil fuels, hydro, and renewables  
No Mention of 100% zero emission Tidal Hydrogen**

# 125 Million People Within 24 hour Drive From Parrsboro

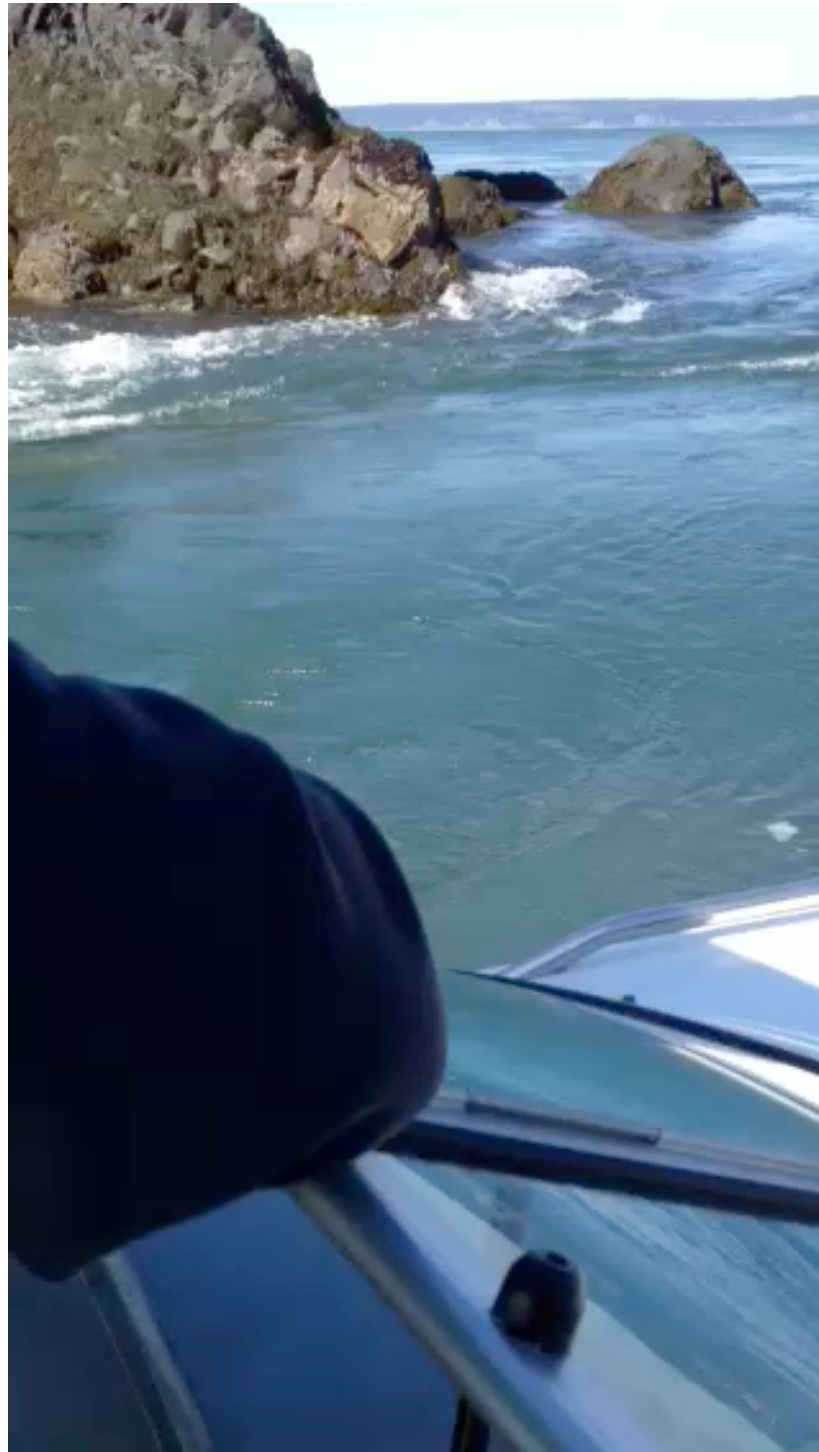
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125 Million People ...3.5 times the population of Canada







## **Required to be a Global Leader in Zero Emission Hydrogen**

### **Dedicated Consortium**

- Federal
- Provincial
- Private Sector

***Start Talking about Tidal Hydrogen as part of the solution***

**My “ask” today.....**

Identify a person on your Zero Emissions team to work closely with Premier Houston and his team to identify and support a private sector developer with the determination, resources and commitment to see this accomplished.

Thank you  
Bill Casey