

## Copenhagen Atomics, MSR Standards Progress and Steel from Hydrogen



### Thorium Energy Alliance Increases its Support for Copenhagen Atomics

We have become huge fans of [Copenhagen Atomics](#) since we first met them 7 years ago. They have set some high-achieving goals and have achieved them. They have developed an ambitious business plan that they are executing very well. Currently, they are building relationships and acquiring the needed permits and licenses to continue much needed ACUTAL HANDS-ON work, not just paper reactor speculation. The commitment to true production of real machines and salts, testing and selling systems shows a great insight into the steps needed to bootstrap as a new nuclear venter.



Finally, if it were not clear, they are doing all this in Europe, where the political and regulatory hurdles make their success even more impressive. We look forward to seeing the new machines and tests and other achievements in this coming year.

### Support Thorium Fueled MSR in Europe

Here's a [link](#) to a Petition to support the Thorium Fuel Cycle in the European Union sponsored by Copenhagen Atomics – Please take 1 minute to sign it!

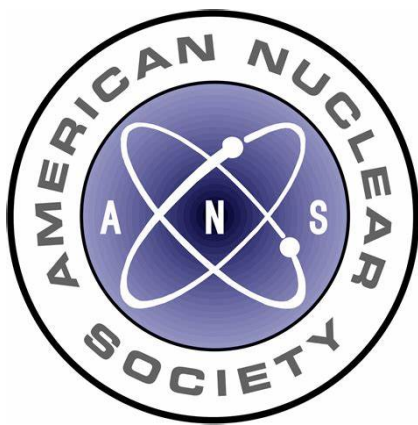
### Open Investment Opportunity

Copenhagen Atomics are doing a great job raising the private capital needed to achieve their goals. If you want to consider helping them get to a critical mass (ha!) They have an [open investment round](#).

### DRI Steel - Metal Made from Hydrogen

Just a quick note of urgency; we recently participated in a conference on [Direct Reduction of Iron](#) from Hydrogen Steel making (DRI). This was meant to be a “Green” Hydrogen approach to face the challenge of [reducing emissions from heavy industry](#) (Chemicals, Steel and Cement). Hydrogen produced from solar for instance. Alarmingly, a Brazilian Steel company said they were going to burn the Amazon for charcoal to produce Iron, and claimed it was “GREEN” since the forest will grow back (it won't and certainly not for centuries).

We all know that [Nuclear Hydrogen](#) is the ONLY realistic path to a Hydrogen economy. We had better hurry up! After 13+ years we still have no concrete plans in the USA to utilize this clean resource as a means to reduce emissions from heavy industry.



### TEA Continues Progress in Standards and Policy

Even throughout the Covid-19 shutdown, the Thorium Energy Alliance has participated with the American Nuclear Society's Standards Committee to draft a finalized standard for Molten Salt Reactors. We are pleased to be finally approaching some big milestones in the Standard writing process. This is a consensus-driven process with many contributors from various backgrounds and viewpoints which means having to heard cats to get work done – **Your support allows us to contribute to this critical effort.**

**Without a Standard, No Reactors** can be built and licensed. It can be tedious and time-consuming work but it is the type of effort that must be done! TEA is working diligently to remove some legal hurdles to allow the use of Thorium and making reactor safety standards reasonable and NOT based on old LWR standards that do not apply in any way to a low pressure self regulating system. Many of even our closest supporters do not realize that there are

policies in place that present Thorium as a Proliferation fuel. No Company in the West is going very far with Thorium as part of their fuel cycle until we resolve these concerns about proliferation – TEA is doing that work!

### We are supremely grateful for several named and anonymous donors that make monthly contributions.

**Your Support Helps** - Every gift makes our work possible and we know you feel this is critical work, even if it sometimes seems "behind the scenes". Our goal is to forward the utilization of Thorium in as many sectors as possible because we know Thorium will play a critical role in so many future applications.

We still have some **Challenge Coins** left, support the Thorium Energy Alliance and get yours today!

