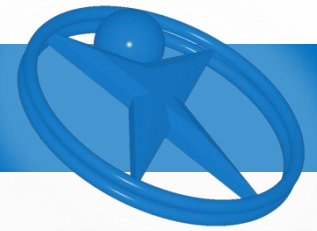


Without you, FUSION will remain an Experiment,  
that is why we have to think BeYOND 2020

# FUSION FOR THE FUTURE OF HUMANITY



# INTRODUCTION

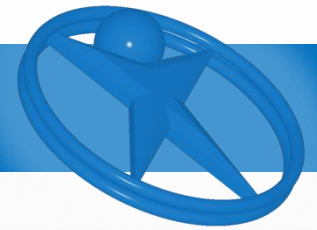


**Star Trek: 2063 the Warp Engine will be developed it is powered by a FUSION-Generator, this gives us 43 years**

- ★ **KBHF is a “spin in”** at KIT and sees itself as an ITER Transfer Company
- ★ **In cooperation with KIT** we are working on this vision for more than 30 years
- ★ **For the breeding of the fuel Tritium** two Components are necessary, the breeder Lithium and a neutron multiplier/moderator Beryllium or Lead
- ★ **We will be able to produce ceramic breeder** in the necessary amount for Test Blanket Modules in the near future

**The Lithium ceramic facility will be ready to operate in 2021**

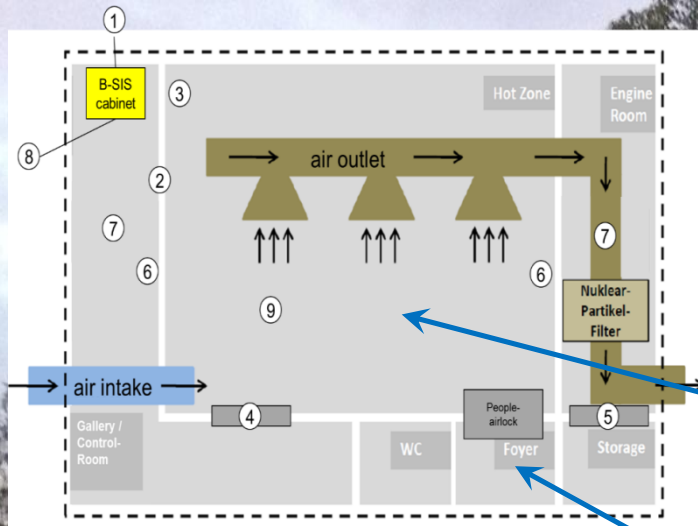




## Like **Dilithium Crystals** serve as a controlling agent in the faster-than-light warp drive

- ★ **In addition we look for advanced multiplier materials** like Beryllium-alloys, in this field we cooperate with the TU-Berlin, MATERION and Be4FUSION (USA), QST and NGK (Japan), as well as UBM (Kazakhstan)
- ★ **Together** we would be able to produce the amount for ITER (1 t)
- ★ **Our Beryllium Handling Facility allows the filling of Blanket-Modules** and together with our partner KIT it would be possible to qualify and test them
- ★ We have some experience with Molten Salt (FLiBe), too

**The finale goal could be customized Blanket technology**



**GODZILLA: High Safety Laboratory for the Handling of Beryllium on the KIT Campus**

BeYOND 9 was foreseen to be held at ITER  
As a matter of circumstances we went virtual this time  
We will try again in September 2022



**Thank You for Your support and attention!**