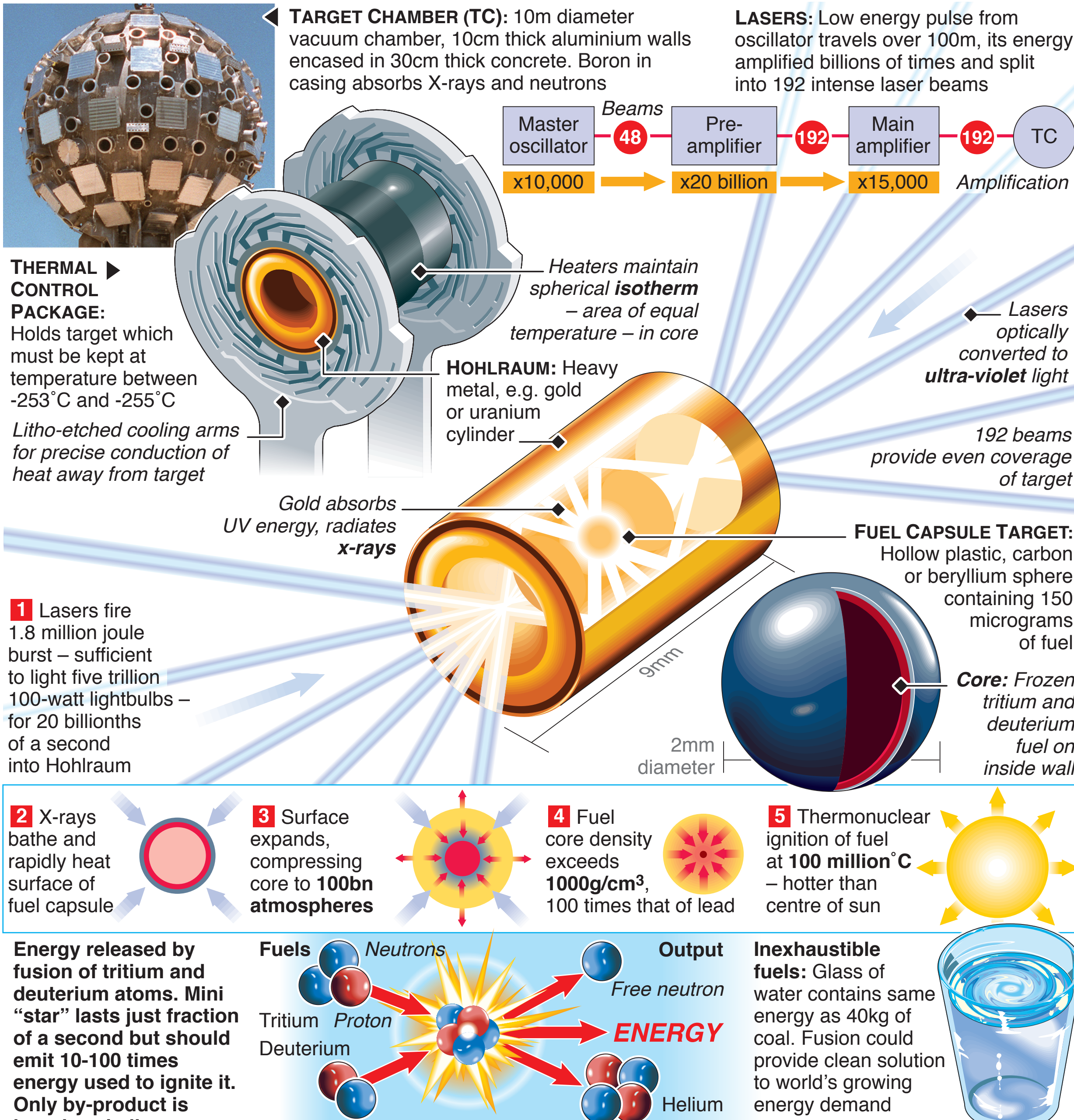
A star is born – first steps to fusion power

As energy demand surges, U.S. scientists hope that a giant array of lasers will allow them to harness the process that powers the sun in controlled and sustainable miniature nuclear fusion explosions. Inertial Confinement Fusion uses multiple lasers to rapidly compress and ignite readily available isotopes of hydrogen without producing hazardous radioactive waste



Source/Picture: National Ignition Facility