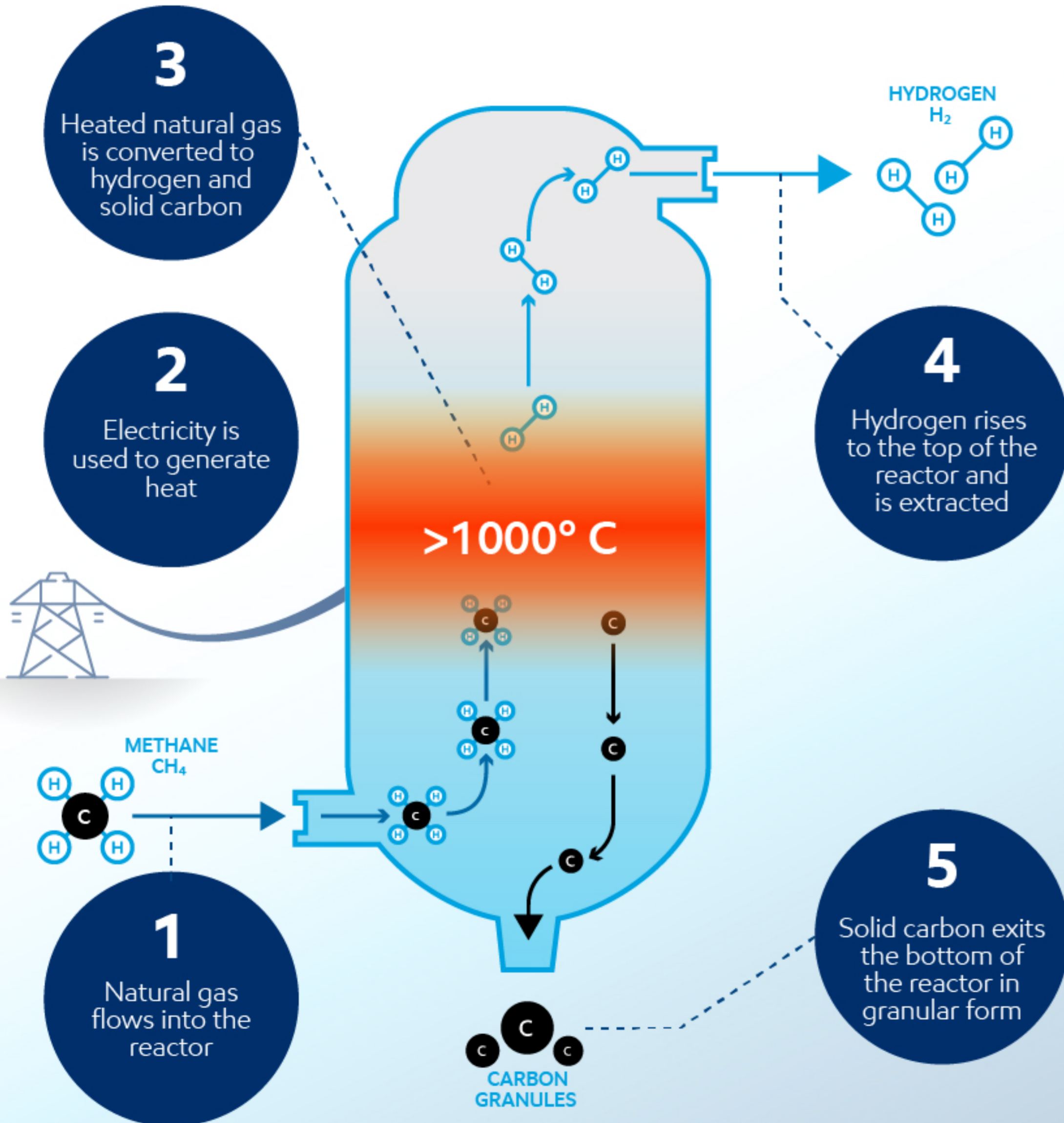


Methane Pyrolysis converts natural gas into hydrogen and solid carbon



ExxonMobil

BASF
We create chemistry

Methane Pyrolysis provides several advantages over other low-emission hydrogen production methods

No CCS required

Attractive in regions where carbon capture and storage (CCS) is not economic or viable

No water demand

Favorable in water-stressed regions

Low-emission hydrogen

For feedstock and fuel use

Valuable carbon

For various applications such as steel, aluminum, concrete, and more

Existing infrastructure

Leverages existing NG pipelines

Scalable

Potential to deliver low-emission hydrogen at competitive prices