

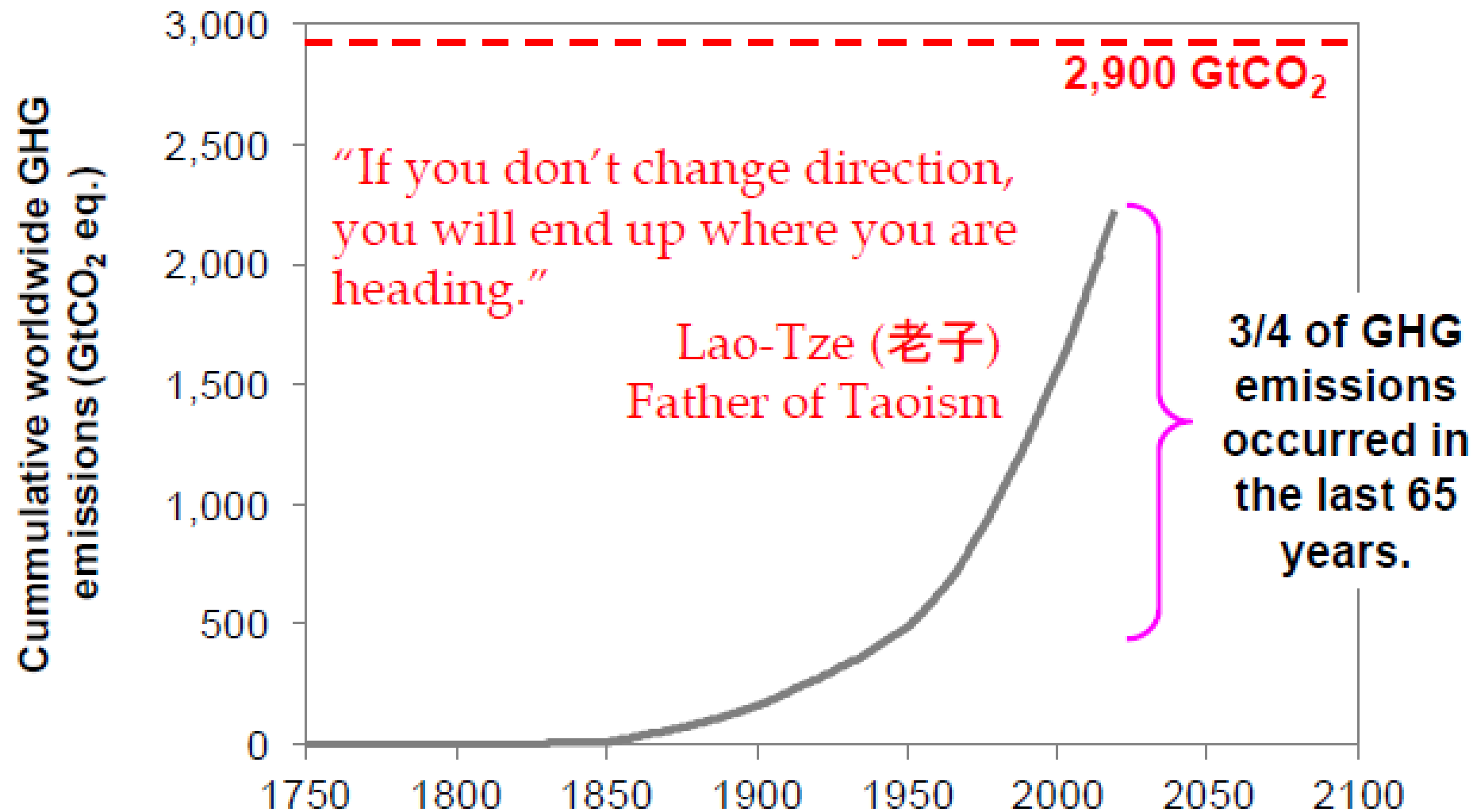
9° Conferenza nazionale su CHIMICA&ENERGIA

Quale energia al 2030 con l'aiuto della chimica

Apertura dei lavori

Milano, 16 novembre 2018

The U.N. goal to keep temperature rise well below 2 ° C requires we stay below 2,900 GtCO₂ **cumulative emissions**. Half-life of added CO₂ is ~ 10,000 years if no tipping points are reached.



The gasoline-powered internal combustion engine rapidly replace horse powered vehicles.

Easter
morning,
1900

5th
Avenue
New
York



Easter
morning,
1913

5th
Avenue
New
York

The transition to the automobile required a oil-gasoline supply chain, paved roads, and other infrastructure.

A serious environmental pollution issue hastened the transition.

The ~160,000 horses in New York in 1880 were producing 3 - 4 millions pounds of horse manure and 40,000 gallons urine a day.