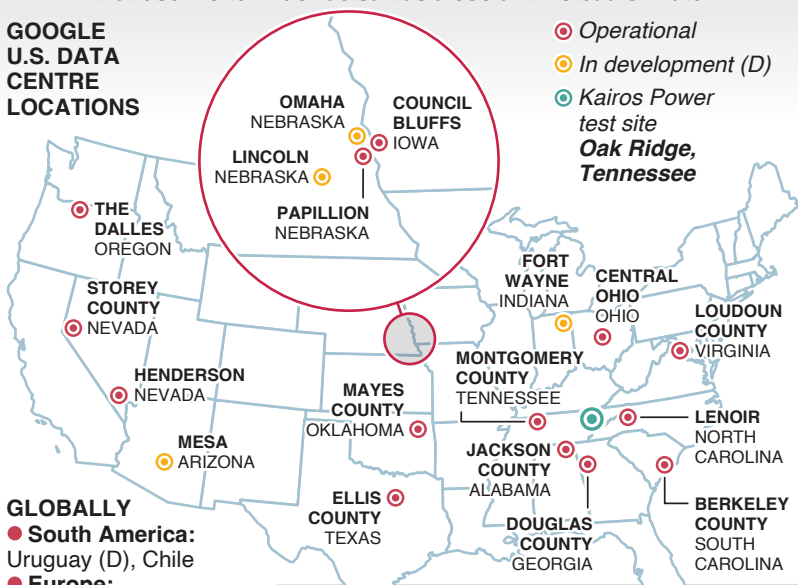


Google unveils AI nuclear ambitions

Google has signed a deal to power its growing artificial intelligence (AI) data centres in the U.S. with small, innovative nuclear reactors that use molten fluoride salt as a coolant instead of water

GOOGLE U.S. DATA CENTRE LOCATIONS



GLOBALLY

● **South America:**

Uruguay (D), Chile

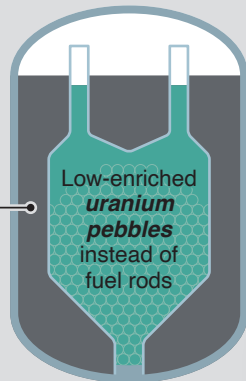
● **Europe:**

Ireland, Netherlands, Denmark, Finland, Germany, Netherlands, Belgium, Norway (D), United Kingdom (D), Netherlands (D)

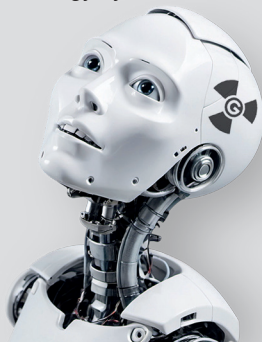
● **Asia:**

Taiwan, Japan, Singapore

KAIROS POWER NUCLEAR REACTOR



Google has its eye on supplying AI centres with **500MW** of nuclear energy by 2035



Low-pressure **fluoride salt coolant** operates at much higher temperature than conventional water-cooled reactors, allowing for smaller containment housing

Robot illustration created with aid of AI (OpenArt.ai)

Sources: BBC, Guardian, Data Centre Magazine, Kairos Power, Google

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