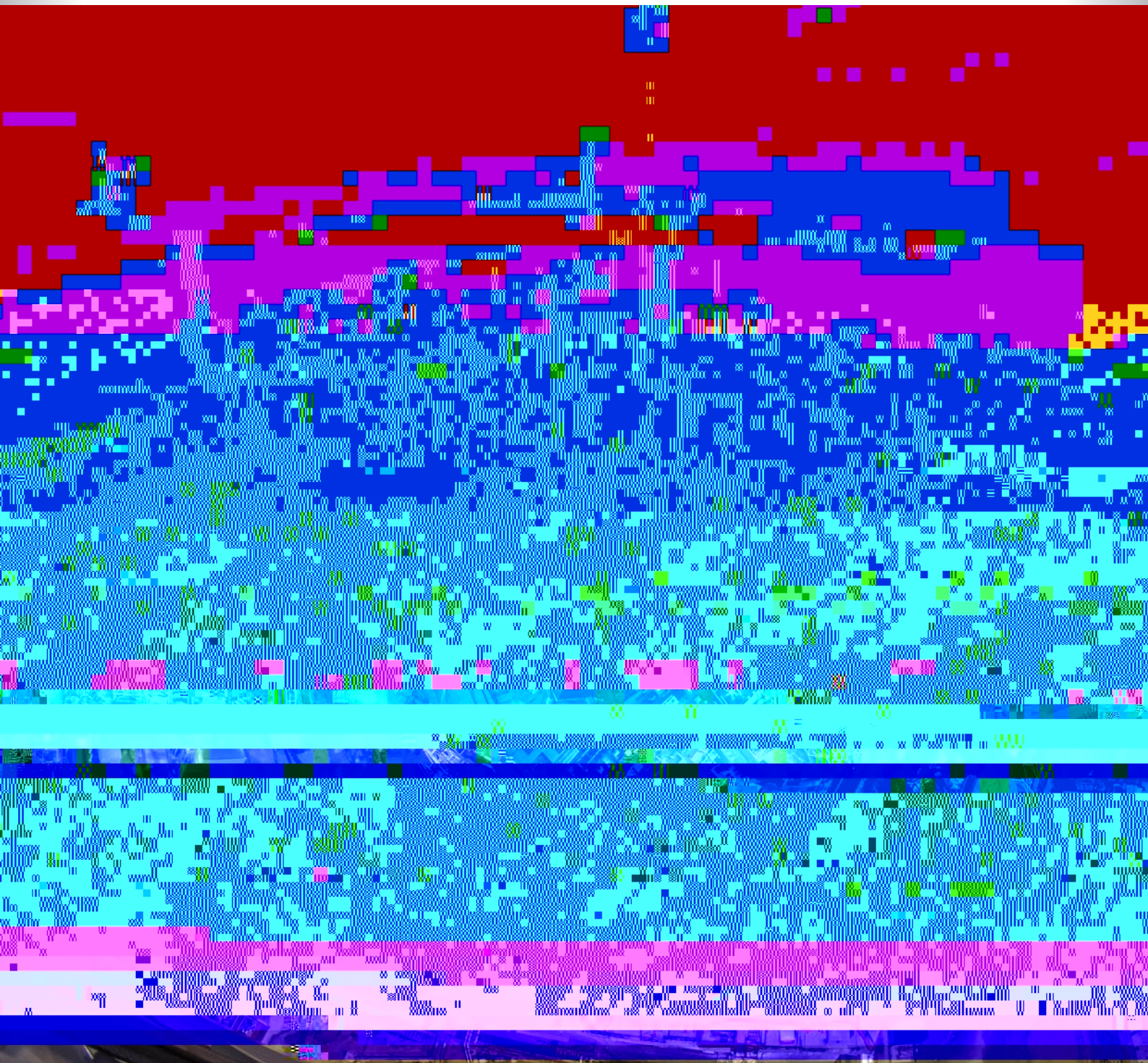




ITER, THE WAY TO NEW ENERGY



ITER: THE WAY TO NEW ENERGY

XXXXXXXXXXXXXXXXXXXX ("The Wall") designed to demonstrate the scientific and technological feasibility of fusion energy.

WHAT IS FUSION?

Fusion is the process that occurs in the core of the Sun and stars. What we see is a huge ball of gas where the temperature is so high that the atoms are forced together and fuse together. Fusion is the process of combining two lighter atoms to form a heavier one.

In the Sun and stars, gravity forces create the necessary conditions for fusion. One day, fusion can be achieved through advanced fusion technology that is a high temperature plasma device.

Major scientific facilities exist that are designed to study fusion. The International Thermonuclear Experimental Reactor (ITER) is the largest fusion experiment in the world. It is a joint project between the European Union, the United States, Russia, China, India, Japan, Korea, and South Africa.

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By the end of 2005, the ITER project was approved by the European Union, the United States, Russia, China, India, Japan, Korea, and South Africa.

The ITER project is expected to begin in 2025. Major scientific facilities exist that are designed to study fusion. The International Thermonuclear Experimental Reactor (ITER) is the largest fusion experiment in the world. It is a joint project between the European Union, the United States, Russia, China, India, Japan, Korea, and South Africa.

WELCOME TO "in Latin) is THE MACHINE

The machine is a reactor designed to demonstrate the scientific and technological feasibility of fusion energy. It is a joint project between the European Union, the United States, Russia, China, India, Japan, Korea, and South Africa.

In the past 50 years, progress has been made in the development of fusion technology. The International Thermonuclear Experimental Reactor (ITER) is the largest fusion experiment in the world. It is a joint project between the European Union, the United States, Russia, China, India, Japan, Korea, and South Africa.

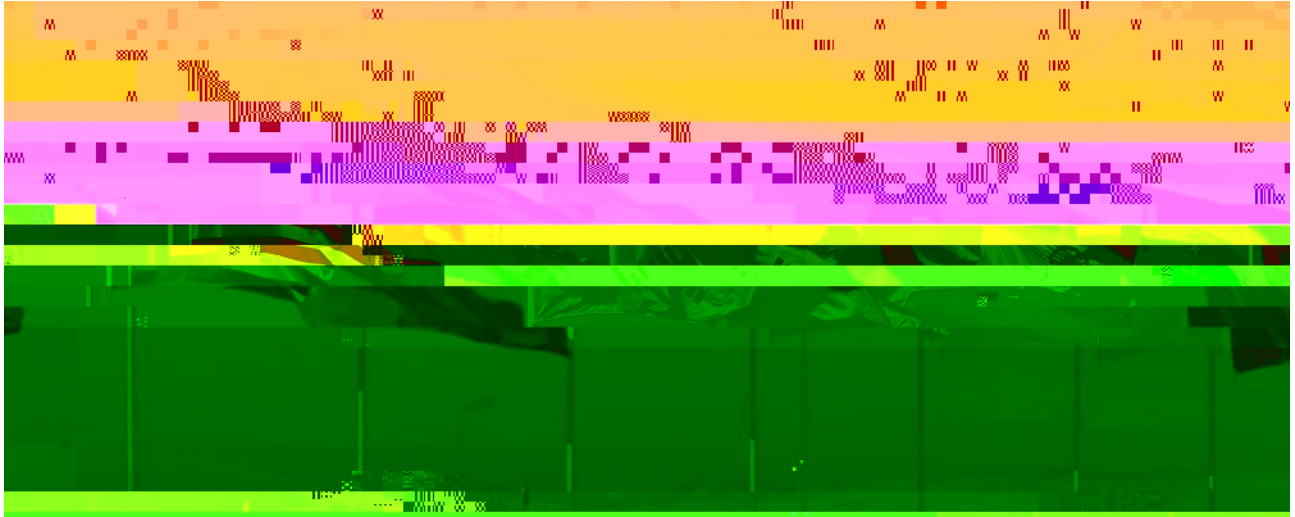
In the future, a 50/50 partnership between the European Union and the United States is expected to lead to the development of a fusion reactor. The International Thermonuclear Experimental Reactor (ITER) is the largest fusion experiment in the world. It is a joint project between the European Union, the United States, Russia, China, India, Japan, Korea, and South Africa.

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The 23,000-ton machine is the largest and most complex machine ever built. It is a joint project between the European Union, the United States, Russia, China, India, Japan, Korea, and South Africa.



china eu india japan korea russia usa



Se en Membe s China, the E_ o ean Union, India, Ja an, Ko ea, Ru ssia and the United States a e sha ing the es onsibilit fo designing, b_ilding and o e ating the ITER in France. Fi st Plasma is lanned fo Decembe 2025.

WHY WE NEED FUSION

B thee d f the ce t , de a d f e e g i ha et iped de the c_ bi ed pe e f p p ati g th, i ce a ed ba i ati a de p di gac ce t e e g i de e p g c_ tie . A e a ge ca e, tai a be a d ca b_ f e e f e e g i ge t e e ded. The f_ i g ad a tage a e f i t_ th p i g.

Abundant energy: F i gat t gethe e a e e a f i i ti e e e e g th a che i ca e acti_ cha the b i g f_ ca, i g a a d f_ ti e a_ cha_ ce a fi_ e acti_ (ate a a). F i_ ha the p te tia t p_ ide the i d f ba e a de e g e e ded t_ p p e e ct ic it t_ c_ tie a d i d tie .

Sustainability: F i_ f e a e ide a ai a be a d ea i e ha ti b e. De te i_ ca b e di t e d f_ a f_ f_ ate . T i ti_ ca b e p d_ ced d i g the f i_ e acti_ a f i_ e e t_ i_ te act_ ith i thi_ a d i thi_ f_ p_ e , ea i e t_ act a b e a d- ba e d e_ ce_ d_ b e e_ g h t_ p_ e a te p_ e p_ a t_ f_ e_ th a 1,000 ea .

Non-polluting: F i_ d_ e_ t_ e e a e ca b_ di_ ide_ the_ g_ e e h_ e ga e i_ t_ the at_ p_ h e .

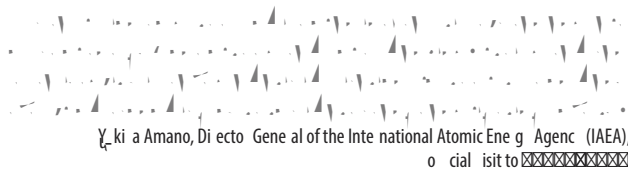
Non-radioactive waste: U i e fi_ i_ e act_ , ce a f i_ e act_ p d_ ce_ h_ gh act_ it_ , g- i e d_ ce a_ a te .

Non-proliferation: F i_ d_ e_ t_ e p_ fi_ e_ ate ia_ that_ c_ d_ b e_ p_ ite d_ t_ a_ e_ ce a_ e a p_ .

Non-weaponizable: A F_ hi_ a- t_ p_ ce a_ cata_ t_ p_ h e i_ t_ p_ i b e i_ a_ t_ a_ a_ f_ i_ d_ e_ ice. I_ f_ a_ d_ i_ t_ b_ a_ ce_ t_ c_ c_ , the_ p_ a_ a_ c_ t_ i_ thi_ e_ c_ d_ a_ d_ the_ e_ act_ i_ t_ p_ .



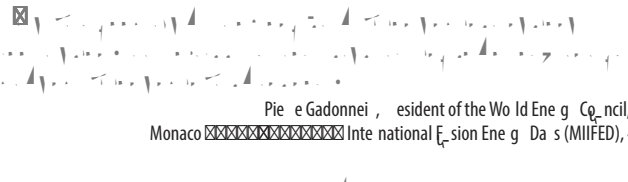
Be na d Bigo, Di ecto- Gene al since Ma ch 2015, Website (ite.org)



Y_ ki a Amano, Di ecto- Gene al of the Inte_ national Atomic Ene_ g_ Agenc_ (IAEA), Official isit to (iaea.org)



Jose- Ma_ el Ba_ o so, P_ esident of the E_ o ean Commission, Official isit to (ec.europa.eu)



Pie_ e Gadonnei , esident of the Wo_ ld Ene_ g_ C_ ncil, Monaco International E_ sion Ene_ g_ Da_ s (MIIFED), 4 Decembe 2013



Ste_ hen Ha_ king, h_ sicist, cosmologist, Time Magazine, 15 No_ embe 2010