

What.  
if...



# clean energy

a better way  
*to live*



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The main source of our energy are the fossil fuels.

Fossil fuels are non-renewable resources

They take millions of years to form,

but reserves are being depleted  
much faster than new ones are being made.



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- ▶ More than 90% of greenhouse gas emissions come from the combustion of fossil fuels
- ▶ Fossil fuels also contain radioactive materials, mainly uranium and thorium, which are released into the atmosphere.
- ▶ The environmental impact of petroleum is often negative because it is toxic to almost all forms of life.



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Solar  
energy  
Renewable  
energy

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**Yes**, all forms of energy are expensive,  
but as time progresses, renewable energy  
generally gets cheaper, while fossil fuels  
generally get more expensive.



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Renewable energy projects in many developing countries have demonstrated that renewable energy can directly contribute to poverty alleviation by providing the energy needed for creating businesses and employment.

Renewable electricity production, from sources such as wind power and solar power, is sometimes criticized for being variable or intermittent.



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“Cedric Philibert, senior analyst in the renewable energy division at the IEA said: “Photovoltaic and solar-thermal plants may meet most of the world’s demand for electricity by **2060** -- and half of all energy needs -- with wind, hydropower and biomass plants supplying much of the remaining generation”. “Photovoltaic and concentrated solar power together can become the major source of electricity,”





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2060  
scientists  
and  
governments  
are going  
much  
further...



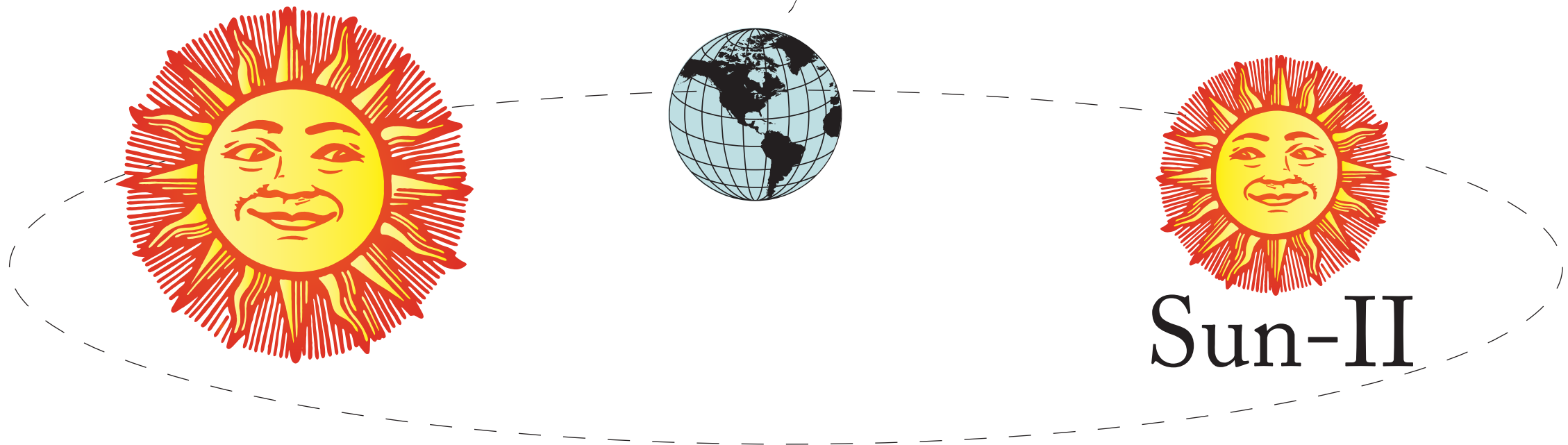
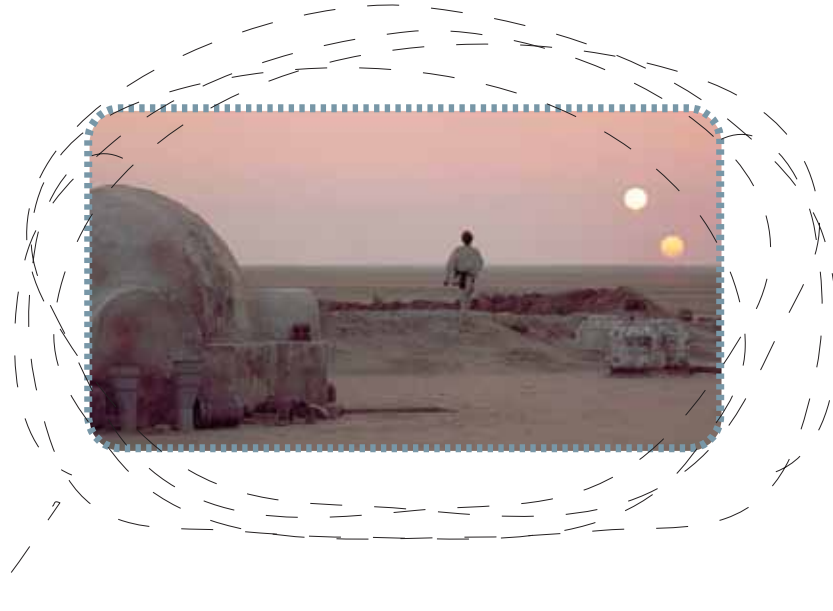
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2060  
To solve the  
problem they  
create an  
artificial star...  
Sun-II



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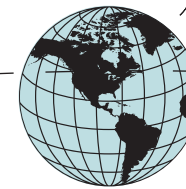
Sun-II

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\*The main source of the energy needed for industry, transport and domestic stuff comes from the suns energy, clean energy.

We solved a big part of our enviromental problem.. but there are more **consequences**



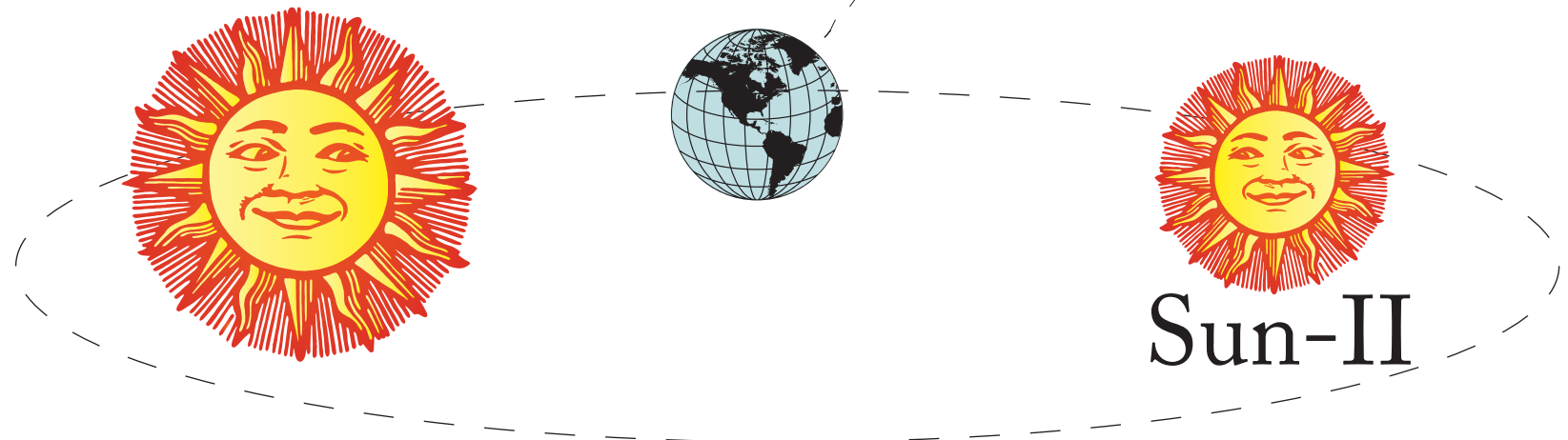
Sun-II

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We always have light. The day  
becomes longer and so our  
productivity.

We don't need to sleep so much.  
Winter is shorter and the years  
longer, because the earth has to  
orbit around two suns.



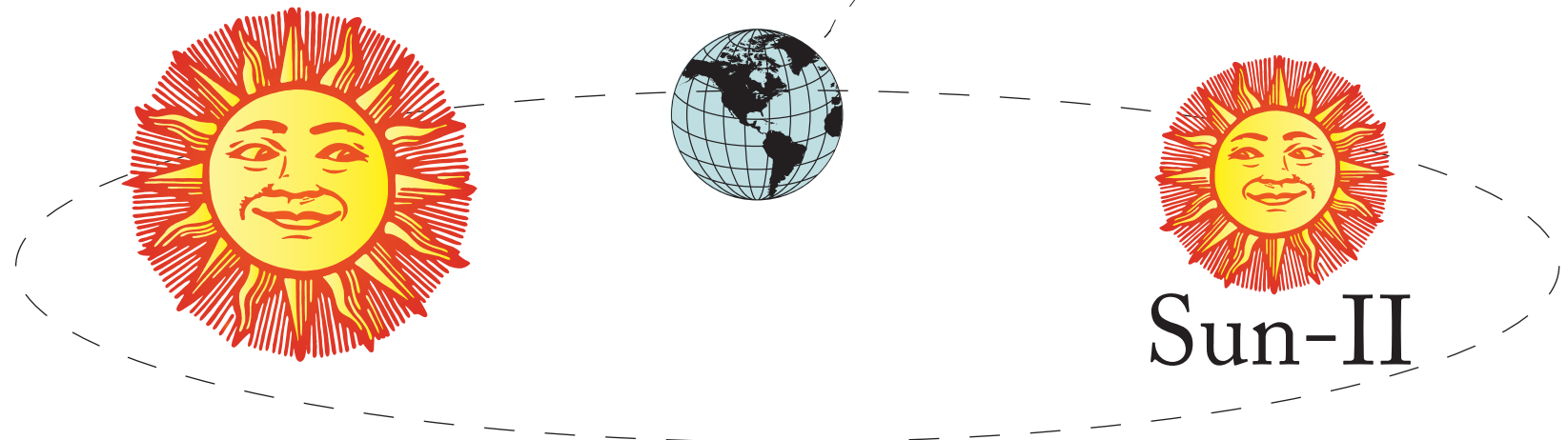
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A humanity better adapted to light and to the extreme temperatures.

Some scientists assure that people will have the skin of blue color (since this color reflects the harmful beams of the Sun)

Probably the population would be happier because the light favors the production of vitamin D that helps to attack the depression and the affective disorders

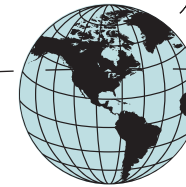


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The temperature would increase, which  
would generate a thaw of the poles.

We would have to prepare to know  
several Venecias, and to live in palafittes in  
some places



Sun-II



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Every object projects two shadows

The plants are more exuberant, and  
people have to use dark glasses because  
of the great luminosity

Sunflowers go crazy



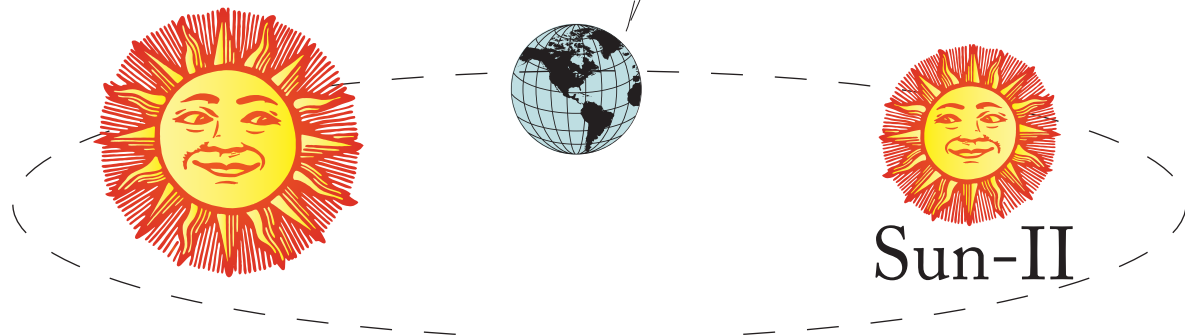
Sun-II



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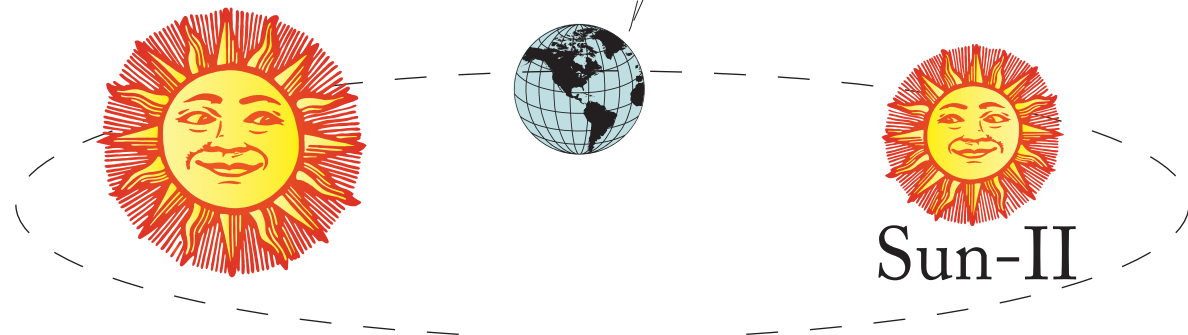
And the darkness disappeared ...  
and people forgot what was the darkness



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The people became mad when the darkness returned due to the fact that SunII's useful life after several hundreds of years was ended



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## Based on:

"Sunset" by Isaac Asimov

"Star Wars IV" by George Lucas

"Tatooine's twin suns - coming to a planet near you just as soon as Betelgeuse explodes"  
(News Online from Australia and the World)

Read more: [http://www.news.com.au/technology/sci-tech/tatooines-twin-](http://www.news.com.au/technology/sci-tech/tatooines-twin-suns-coming-to-a-planet-near-you-just-as-soon-as-betelgeuse-explodes/story-fn5fsgyc-1225991009247#ixzz1eTygGwg8)

[suns-coming-to-a-planet-near-you-just-as-soon-as-betelgeuse-explodes/story-fn5fsgyc-1225991009247#ixzz1eTygGwg8](http://www.news.com.au/technology/sci-tech/tatooines-twin-suns-coming-to-a-planet-near-you-just-as-soon-as-betelgeuse-explodes/story-fn5fsgyc-1225991009247#ixzz1eTygGwg8)



Catalina G.  
The Cybernetic Garden