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Playing with electric Dust.

INO- minute electromagnetic power generators.

Observation

By the year 2045, the demand for clean energy will have grown enormously. The full potential of solar energy has still not been fully explored. The atmosphere and the surface of the earth absorb 71 percent of incoming solar rays, so they have to emit energy back into space in order to keep the average temperature of the planet stable. One unexplored area is the absorption of the kinetic energy caused by the impact of strong wind.

Conclusion

There is a need for a new approach to the production of clean energy, including the creation of new devices that don't cause further pollution and can deliver energy in a flawless manner anywhere in the world. With the rapid development of technology, it will be possible to create minute devices, the size of the dust, which will be capable of absorbing energy from solar radiation and the kinetic energy created by the impact of wind.



Solution

Named INO, Independent Nanoids, this “electric dust” will constantly absorb energy wirelessly and is safe for human. Built from metallic protonic crystal and polymers that absorb kinetic power, they have the ability to absorb sunlight from a wide range of the spectrum, and kinetic energy from the impact of rain and wind. INO will have the ability to withstand very high and low temperature and can easily operate in the highest part of the Earth's atmosphere. They are functioning in colonies.

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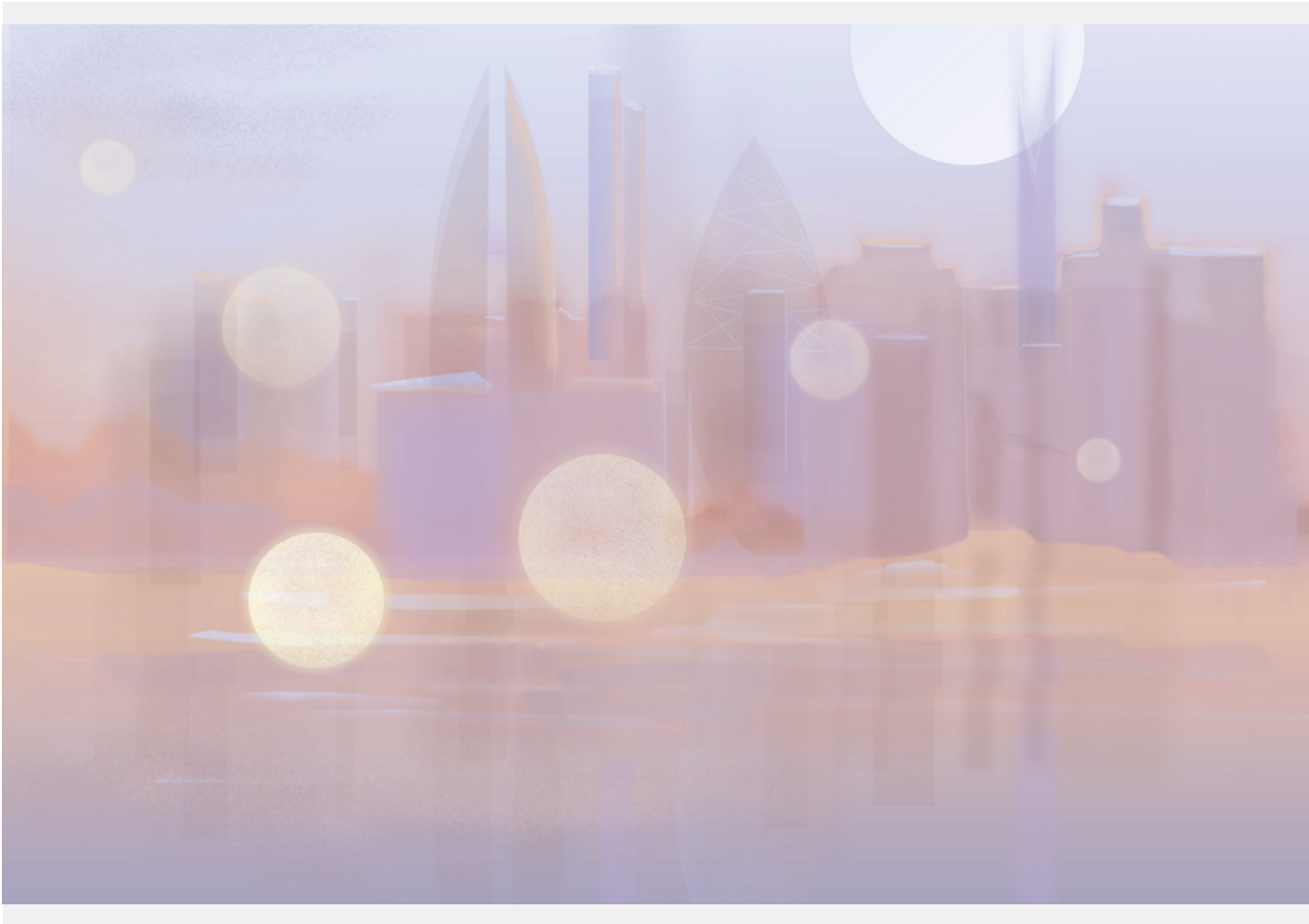
What makes your solution unique?

INO, due to its resistance to changing climatic conditions, can function in high atmosphere parts in variable climate conditions. The technology also adapts, eg in beautiful sunny weather it draws from solar energy, and in strong winds, the energy is produced by wind waves. or from both.

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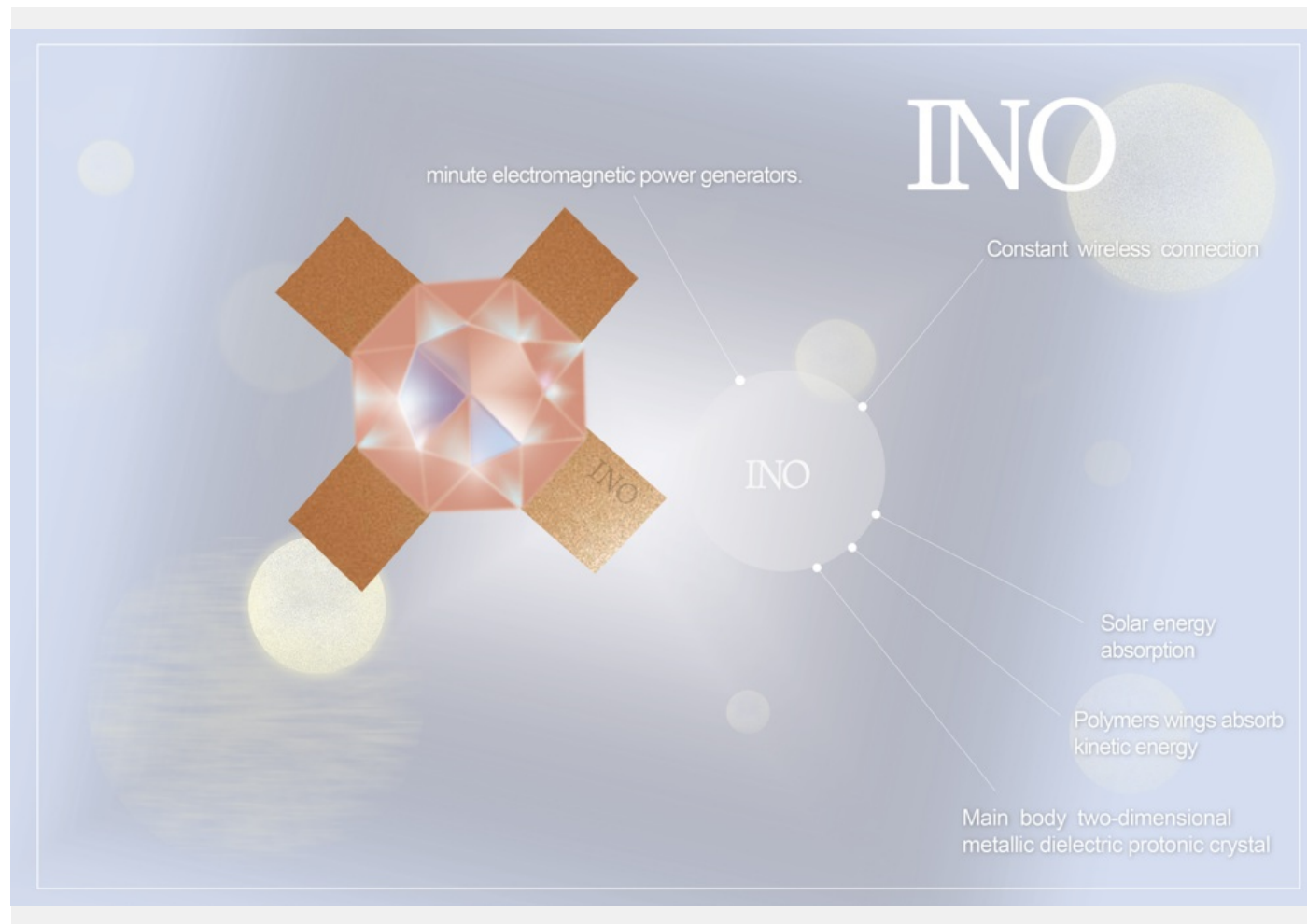
How it works: Step 1

A device sends an electromagnetic impulse that attracts INO, it is a kind of invitation to the nearby colony. INO uses wireless signals to transmit energy and to communicate with other devices in a colony.

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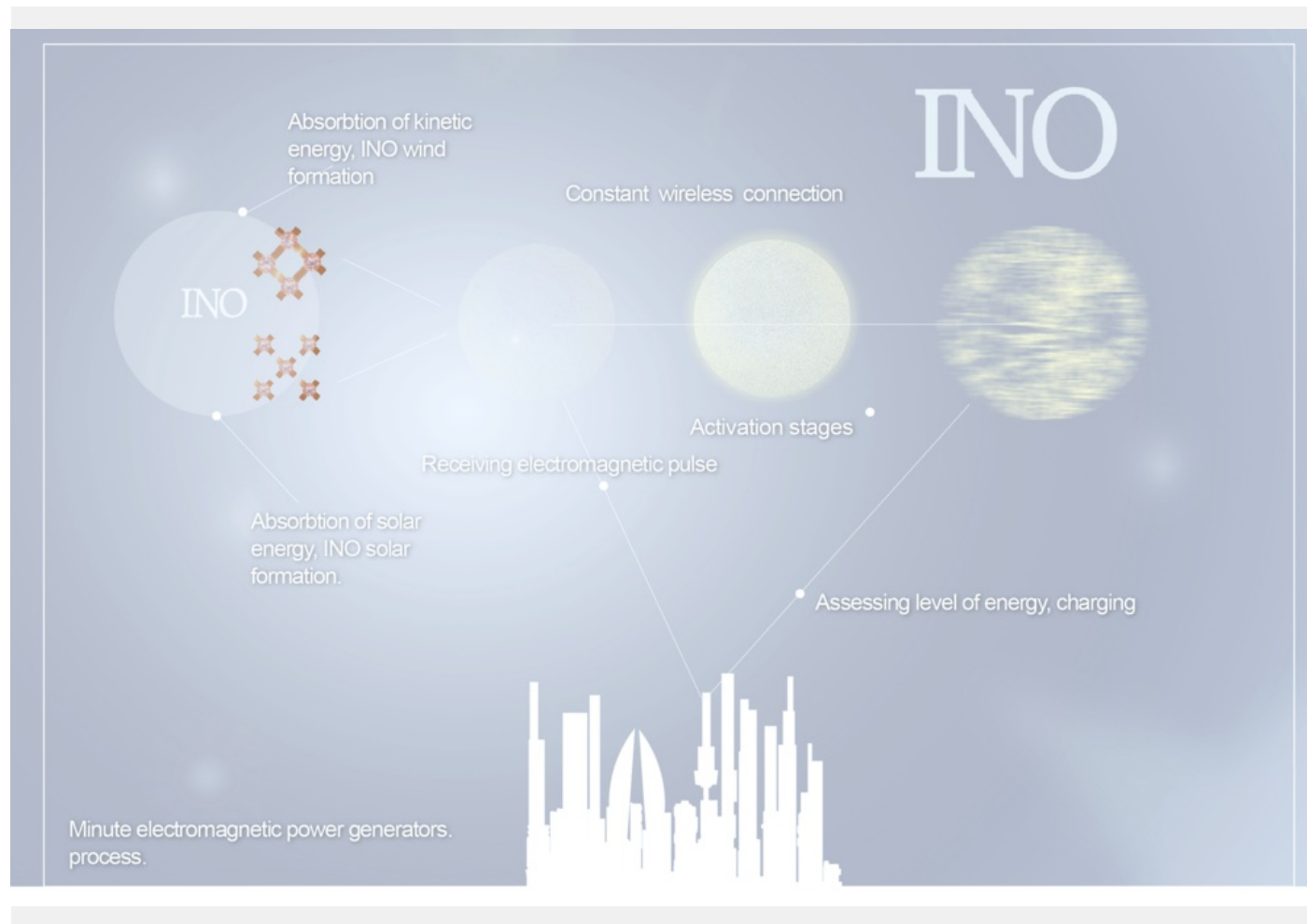
How it works: Step 2

A colony arrives and recognises the devices power level. Power is transmitted using wireless. After powering the device, and it can no longer accept more energy, the colony returns to generate energy from the environment in which it is located.

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How it works: Step 3

After powering the device, and it can no longer accept more energy, the colony returns to generate energy from the environment in which it is located. If a colony does not have a sufficient amount of energy, it sends a wireless signal to the nearest free colony in order to recharge itself.

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Describe how your solution works step by step:

1. A device sends an electromagnetic impulse that attracts INO, it is a kind of invitation to the nearby colony.
2. A colony arrives and recognises the devices power level. Power is transmitted using wireless.
3. After powering the device, and it can no longer accept more energy, the colony returns to generate energy from the environment in which it is located.
4. If a colony does not have a sufficient amount of energy, it sends a wireless signal to the nearest free colony in order to connect and transfer energy. Plus, a wireless signal is sent in a single stream directly to the power supply device and has no negative effects on people who are nearby. Ultimately, one INO will be able to power your home for a month.

Think off the Grid



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Creative's profile



joyleen PRO

Multidisciplinary designer

Creative's top 5 skills

Copy Writing, Graphic Design, Illustration, Communication Concept, Textile Design

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