

## Change in Japan's energy policy and prospects of hydrogen energy in Japan

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In this talk, changes in Japan's energy policy will be presented by introducing historical social events as factors which changed our consciousness to energy.

In the 50s to 70s, Japan was suffered from heavy air and water pollutions coming from huge consumption of crude oil for rapid industrial and economic development. In addition, remarkable rise of oil price was heavy burden to Japanese economy because over 90 % of the primary energy was dependent upon imported fossil fuel. In order to overcome the environmental problem and to compensate vulnerable Japan's energy supply structure, development of new energy technologies were indispensable.

Kawasaki City, Kanagawa Prefecture, experienced the most terrible pollutions. Now, Kawasaki is one of the most advanced cities approaching to the creation of a hydrogen society. Kanagawa Prefecture declared "Hydrogen revolution from Kanagawa" in 2013, and published its own hydrogen road map as a local government in March 2015 to realize hydrogen society.

The second factor which changed our consciousness to energy was the event of the nuclear disaster in Fukushima, March 2011. That event accelerated the spread of renewable energy and hydrogen energy. Typical and interesting technological advancement moving towards hydrogen society will be demonstrated from local governmental and industrial view.

### References

*Google search* [ Hirohisa Uchida Hydrogen ]