

Renewable energy sources the crucial issue of today

To be presented by dr. Svaetopluk Zeman
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*Act now or
tomorrow it will be too late*



The aims of this presentation is

- to show how complex the theme of renewable energy sources is, and
- to point out that without parallel movements on all levels it is not possible to convert the potential of renewable energy sources into practical usage for the benefit of the humankind.

Renewables are not only about economics or technology, they are also about the politics and ethics, and
at the end about the survival of humans on this planet.

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1. How to approach renewables? It depends ...

1.1 Global level

1.2 State/national level

1.3 Community level

1.4. Individual level

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1.1 Global level

- a. cowboy economy vs. spaceman economy;*
- b. climate change;*
- c. malaise of international undertakings.*

1.2 State/national level

- a. international obligations vs. domestic interests;*
- b. legal regulation – laws, subsidiary law;*
- c. free market and state support for renewables.*

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1.3 Community level

- a. local resources and local interests;*
- b. local budget and local needs;*
- c. local administration and local activists.*

1.4 Individual level

- a. Stratification of global society and niche of individual life;*
- b. Thin globally, act locally;*
- c. Daily decisions – ethics or economy.*

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2. Small is beautiful? Or big is more efficient? It depends

- a. Economies of scale and scope*
- b. Gigantomania in energy sector (especially power generation)*
- c. Inner nature of renewable energy sources*
- d. Distributed power generation – a destructive challenge?*

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3. Is there not enough of energy?
It depends ...

- a. Food or energy?*
- b. Environment or welfare?*
- c. Fossil (exhaustible) sources forever?*
- d. Time to switch – efficiency, savings, frugality!*

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4. Who should own the renewable sources of energy? It depends ...

- a. Hydraulic and electric societies;*
- b. Liberalisation/deregulation of energy market, especially that of electricity;*
- c. Principal issue No 1 – ownership;*
- d. Principal issue No 2 – equality in access to energy*

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5. Is it (more) important who speaks or what is being said? It depends ...

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