



# PV & Solar thermal in Switzerland

Pius Hüsser,

Partner & CEO Nova Energie Ltd, Aarau, Switzerland

PVPS Task 1 expert on behalf of the federal office of energy

Vice chairman Swissolar



# Solar market in Switzerland

Population 8,3 Mio

PV produces about 2% of electricity demand

Solar thermal produces about 500 GWh/a -> 0,4% of heat demand

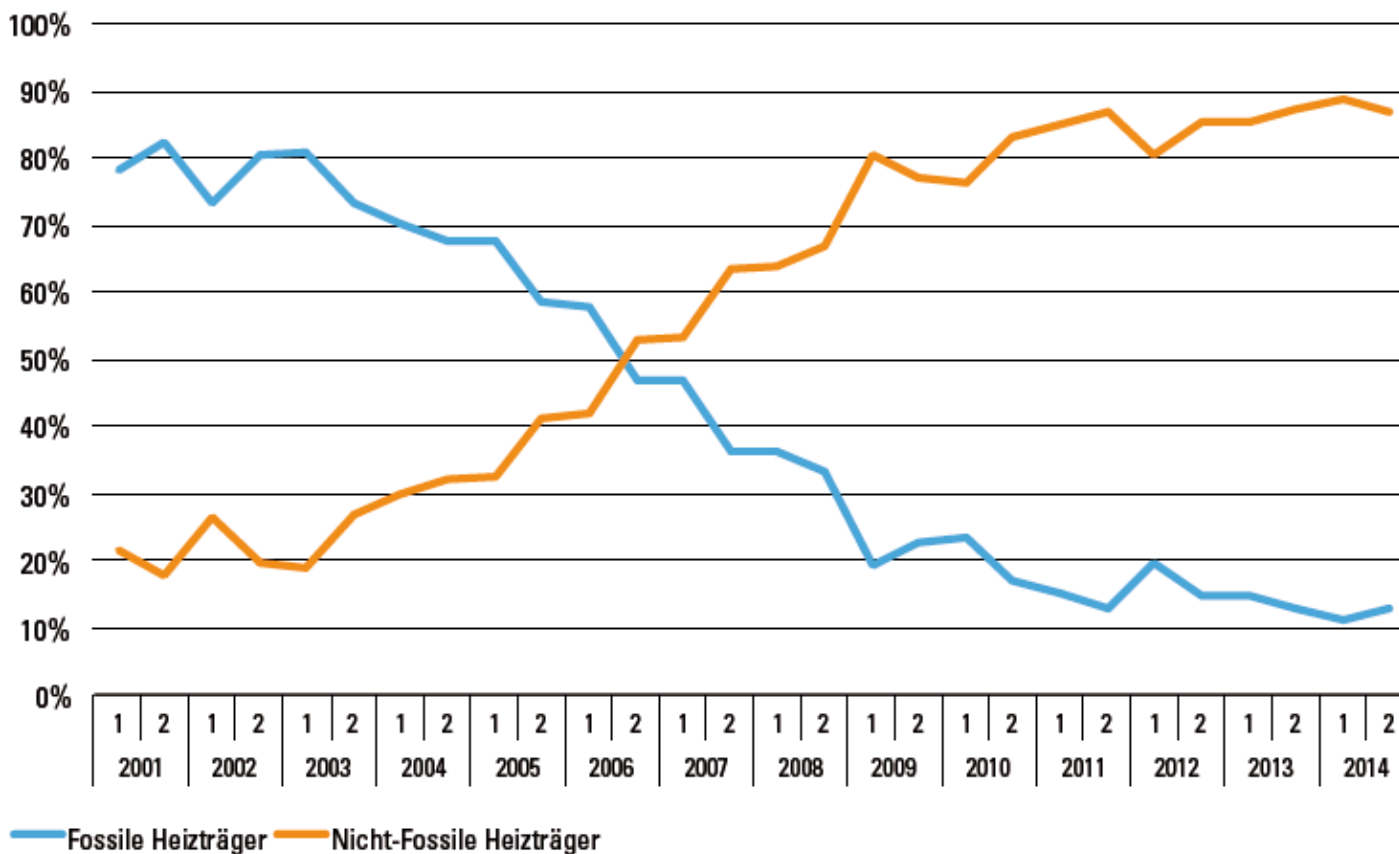
| Year | Solar thermal (m2) | PV kW       | PV square meters |
|------|--------------------|-------------|------------------|
| 2009 | 146 000            | 23 000      |                  |
| 2010 | 145 000            | 48 000      |                  |
| 2011 | 130 000            | 103 000     |                  |
| 2012 | 143 000            | 226 000     |                  |
| 2013 | 122 000            | 330 000     | 2,2 Mio          |
| 2014 | 113 000            | 303 000     | 2 Mio            |
| 2015 | n/a                | Ca. 300 000 | 2 Mio            |



## Market share fossile/non fossile Apartment buildings

### 3.2 Mehrfamilienhäuser (MFH)

#### Marktanteile in Neubau





# Legal framework / building codes

Legal building code (26 cantons):

PV production cannot

compensate energy consumption for heating and cooling

Minergie building standard (voluntary): PV can compensate electricity demand of heat pumps