What drives the energy choices to become a prosumer?

Pros

Personal economy
Saving money by reducing own electric bills.

Low maintenance costs
After covering the initial cost of the solar system, you can expect very little spending on maintenance and repair work.

Independence
Solar energy can be used to produce electricity in areas without access to the energy grid.

Environment benefits
Solar panels and windmills create clean, renewable power from the sun and wind that contribute to the environment. Alternatives to fossil fuels reduce carbon footprint.

Diverse applications
Solar energy can be integrated into the materials used for buildings or installed on the ground.

Cons

High cost
The initial cost of purchasing a solar system is high. This includes paying for solar panels, inverters, batteries, wiring, and installation.

Weather dependent
Solar panels are dependent on sunlight to effectively gather solar energy, and the efficiency of the solar system drops during cloudy and rainy days.

Expensive solar energy storages
Solar energy has to be used right away, or it can be stored in large batteries and used at night, but it is quite expensive.

Use of some space
Solar PV panels require a lot of space, and some roofs are not big enough to fit the number of solar panels. The more electricity you want to produce, the more solar panels you will need, as you want to collect as much sunlight as possible.

Governmental bottlenecks
Unclear and unpredictable governmental policy to stimulate prosumers.