

Marktbasierter Ansatz für Versorgungssicherheit

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In many areas we are used to decentral decision making



Source: Adrian Sulc, CC BY-SA 3.0, <https://commons.wikimedia.org/w/index.php?curid=2192317>

However, the preferred level of supply continuity is still determined administratively.

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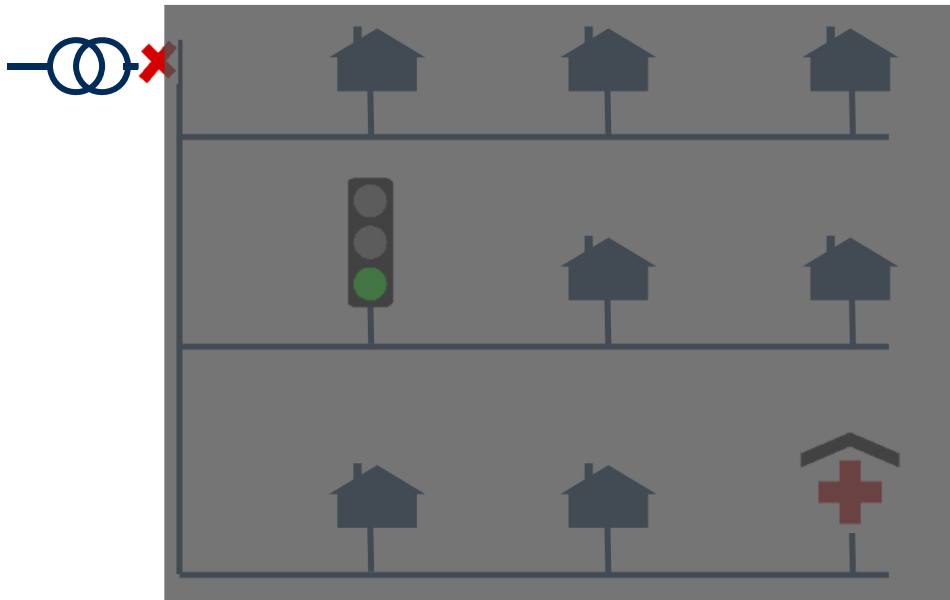


Source: Ian Muttou - originally posted to Flickr as Alone / TogetherUploaded using F2ComButton, CC BY-SA 2.0,
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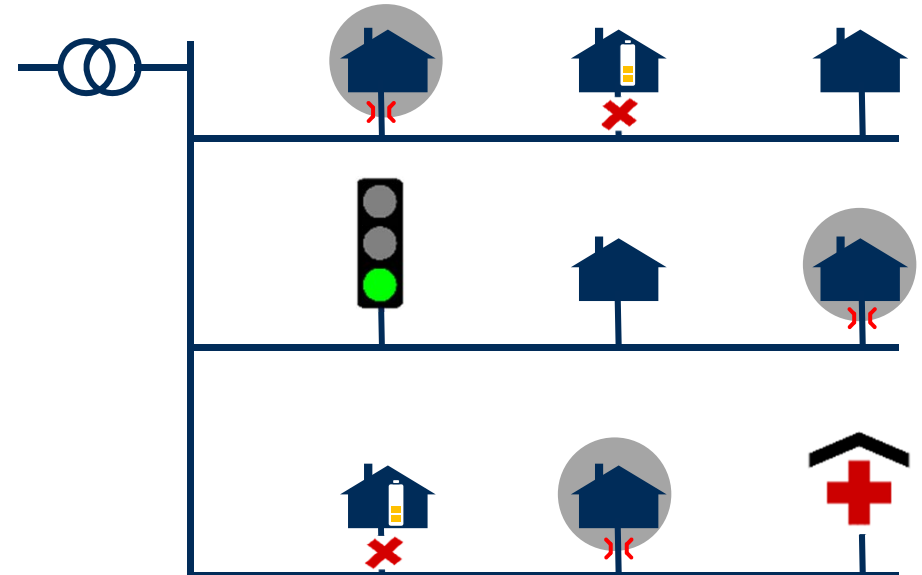
Roll-out of Smart Meters offers new opportunities

Currently, in case of emergency whole districts need to be cut-off from supply



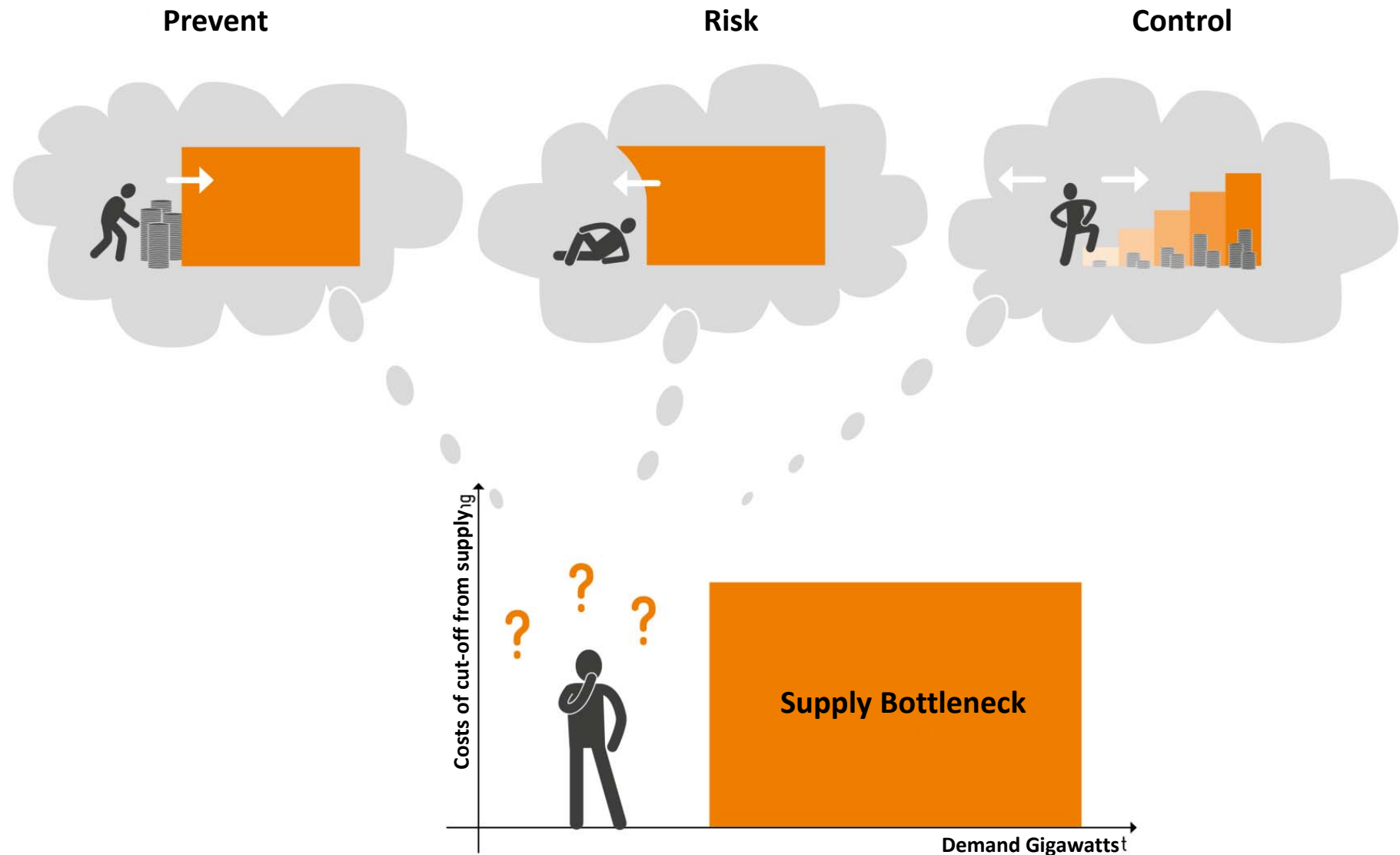
1. High costs of supply restrictions
 - High level of security of supply needed
2. Restriction of individual customers not possible
 - Reliability of security of supply is a common good

In the future supply could be restricted individually



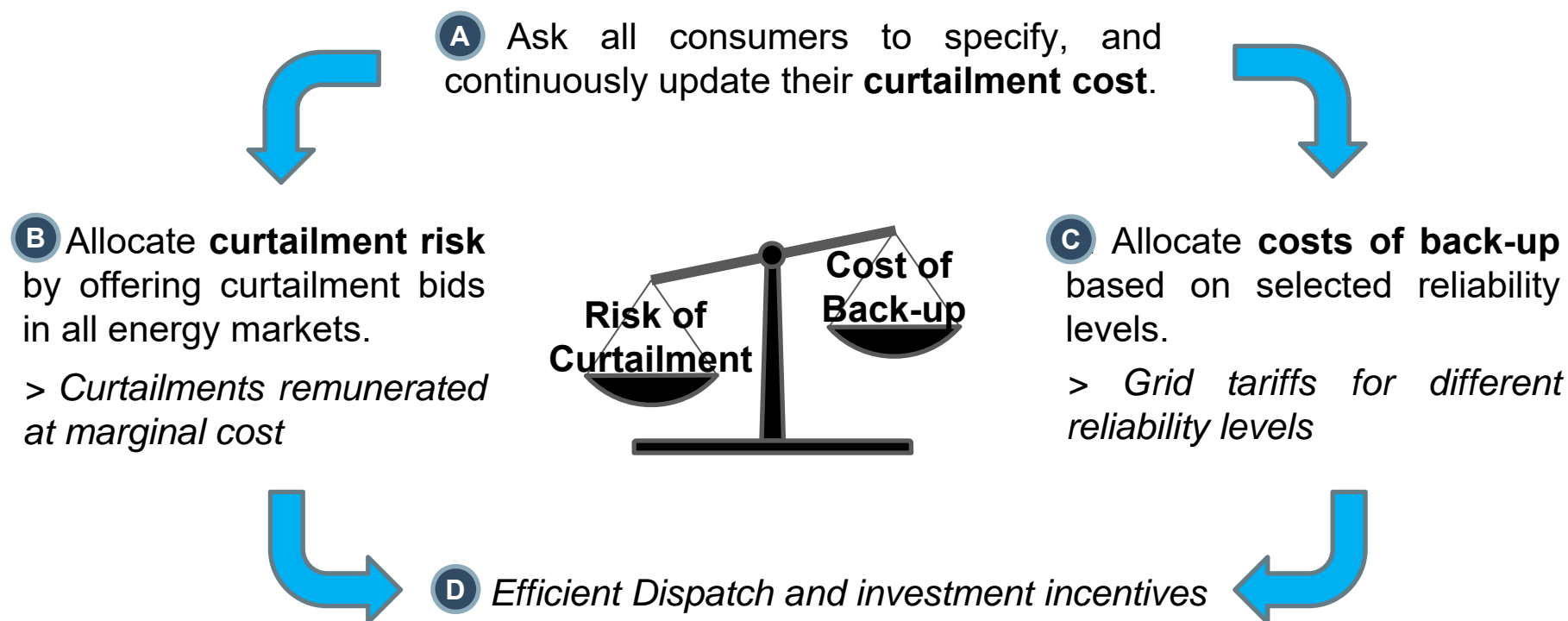
1. Lower costs of supply restrictions
 - No state intervention needed to guarantee supply of critical infrastructure
2. Restriction of individual customers possible
 - Reliability of security of supply is a private good

Switzerland needs to decide how to handle times of limited electricity supply



Source: Avenir Suisse, <https://www.avenir-suisse.ch/massgeschneiderte-versorgungssicherheit/>

A market based solutions needs to distribute costs and risks on the basis of customer demand



Source: Christian Winzer & Frieder Borggreffe, <http://cadmus.eui.eu/handle/1814/50004> p. 54ff

Thank you for your attention

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