

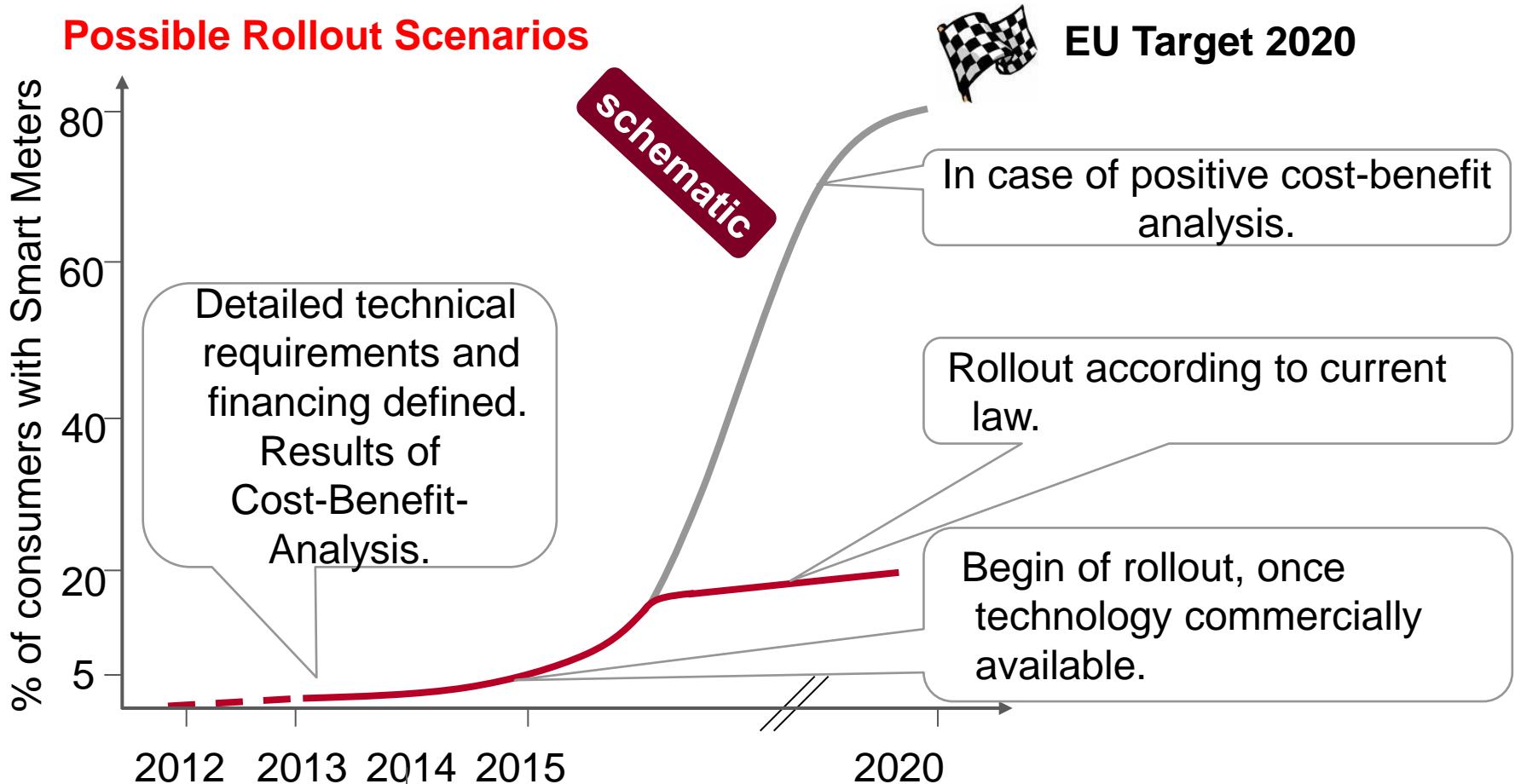
Communications Infrastructure for Smart Grid - The German Smart Meter Perspective

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22. October 2012



Regulatory and legal framework in Germany

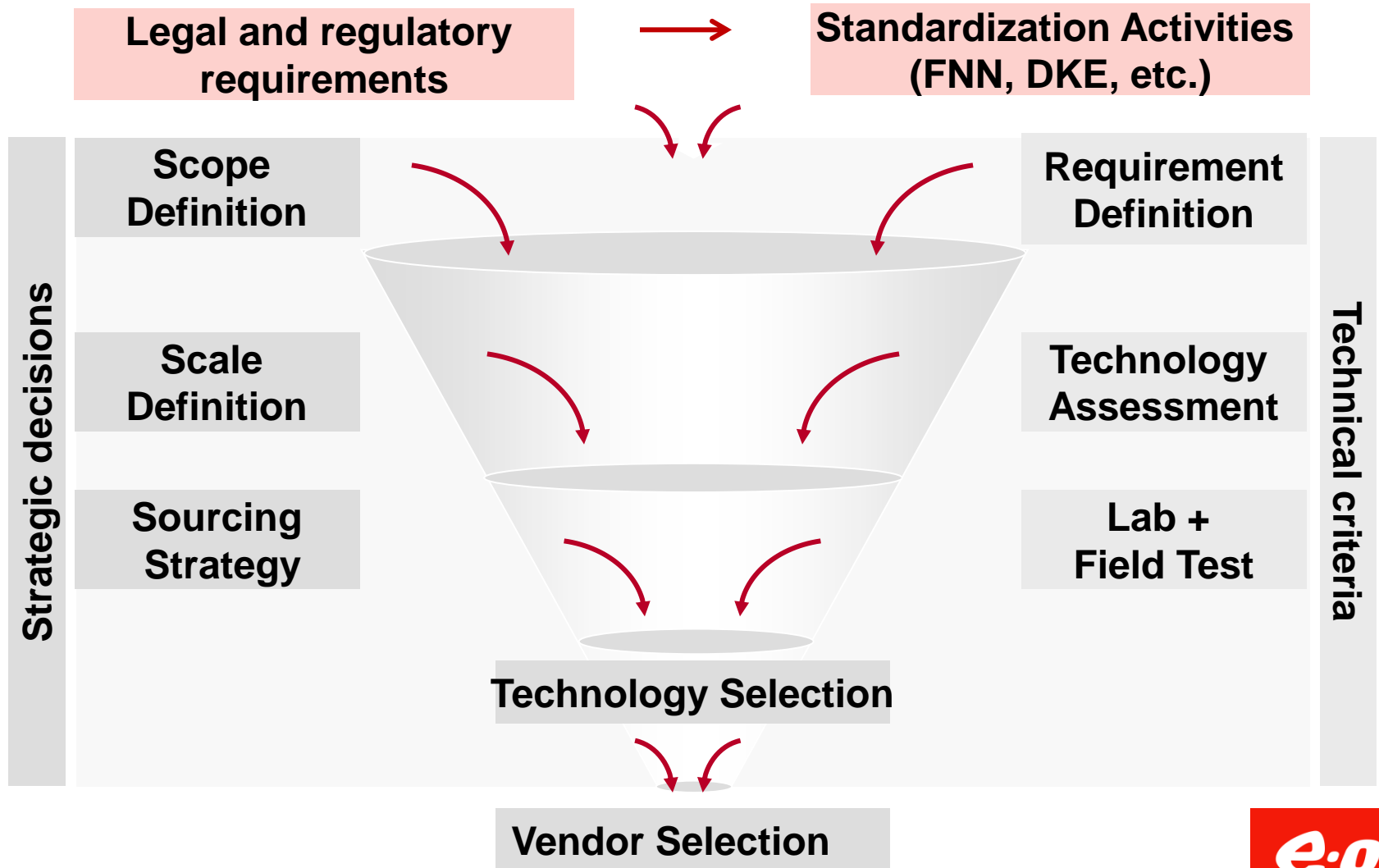
Possible Rollout Scenarios



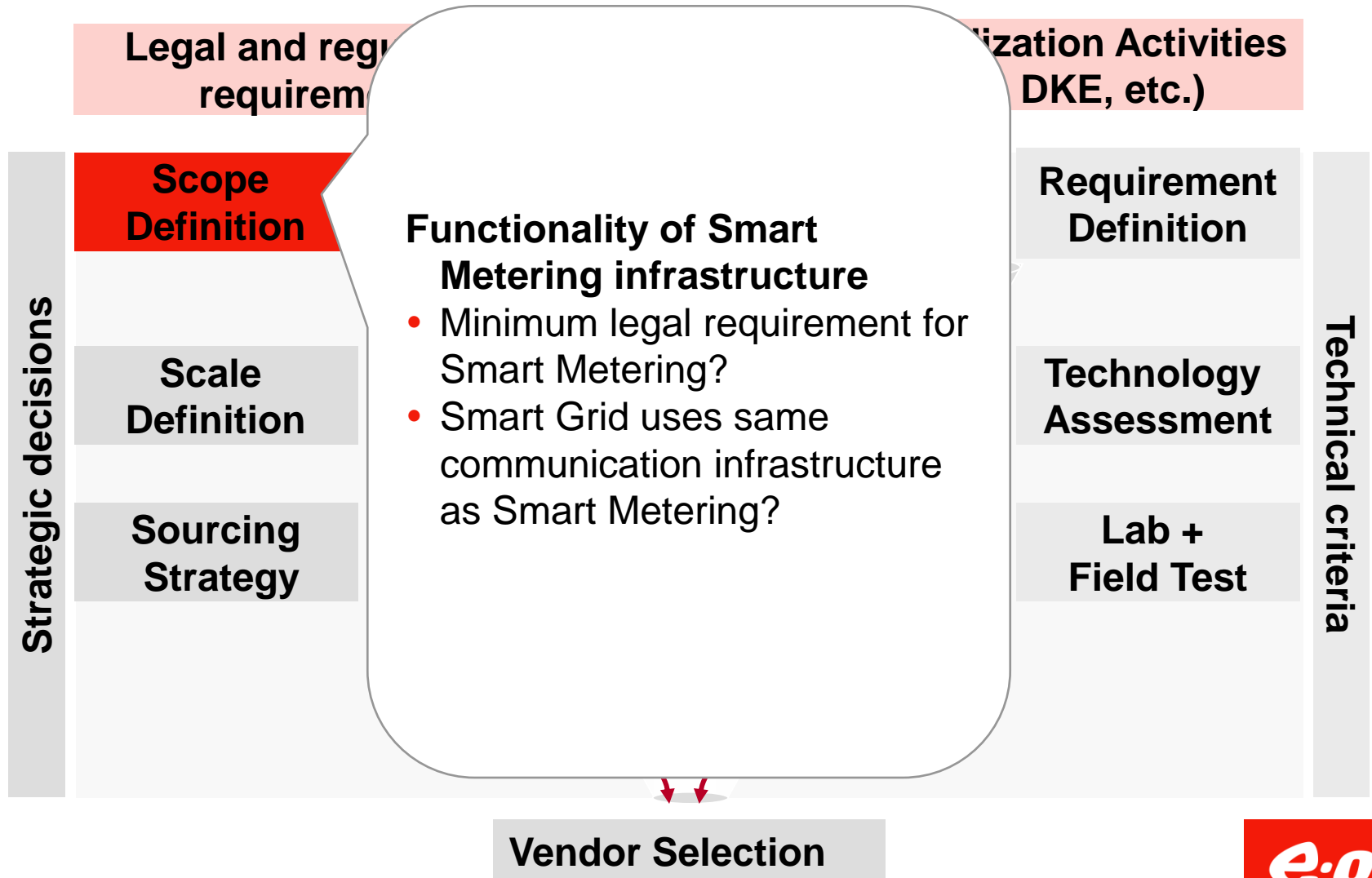
Legal framework for rollout is delayed for more than 1,5 years.

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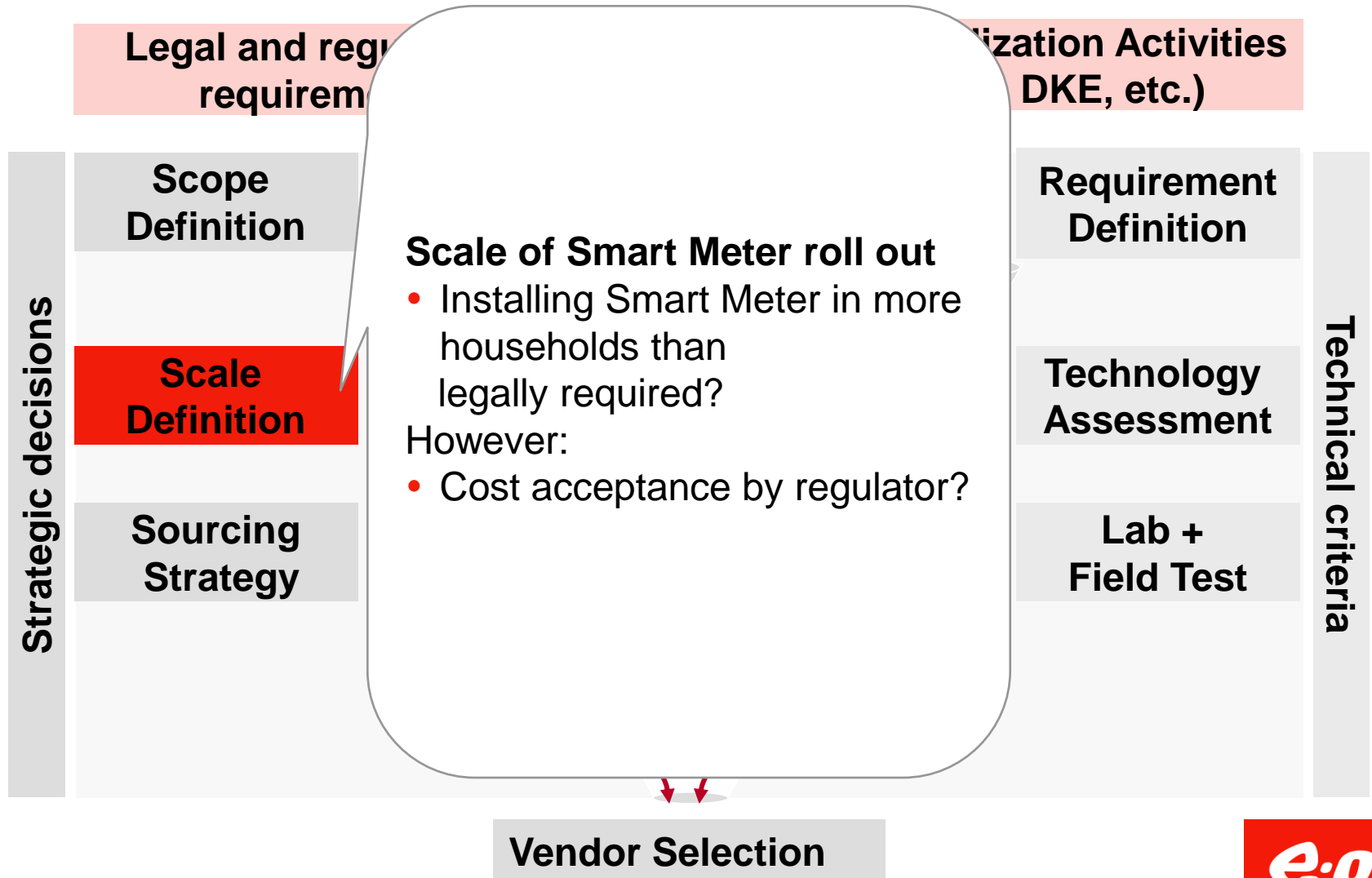
Roadmap to select Communication Technology



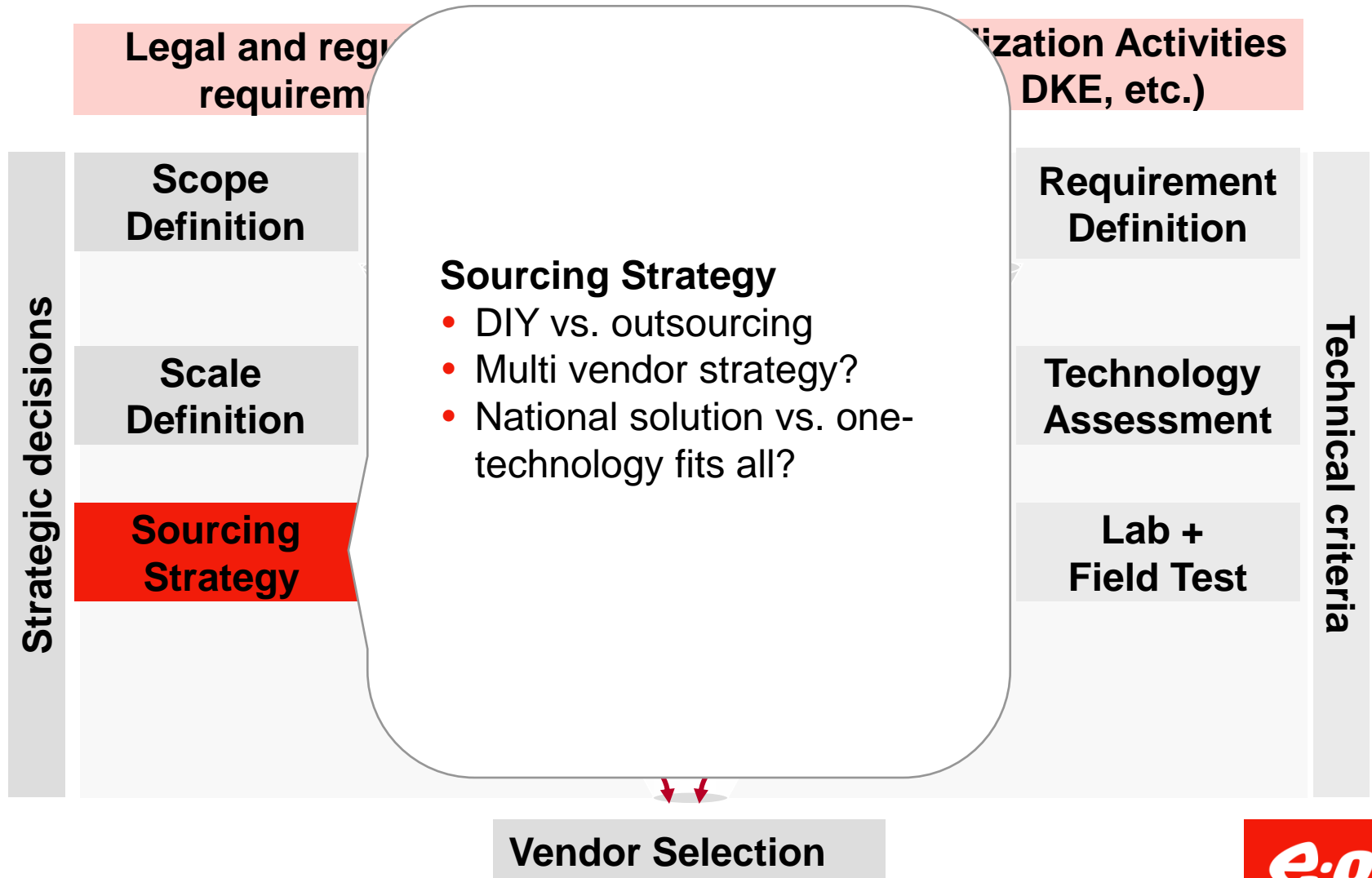
Roadmap to select Communication Technology



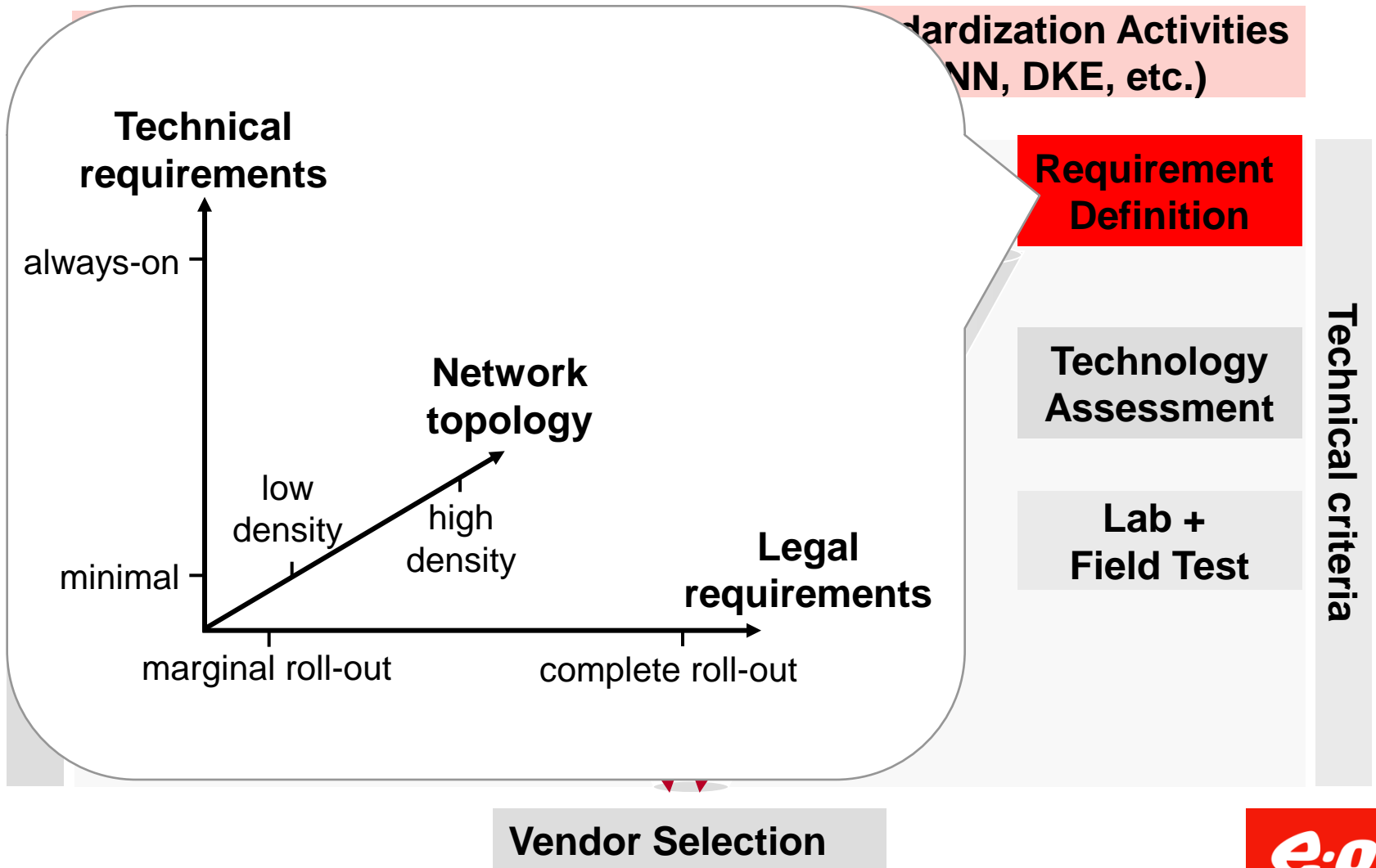
Roadmap to select Communication Technology



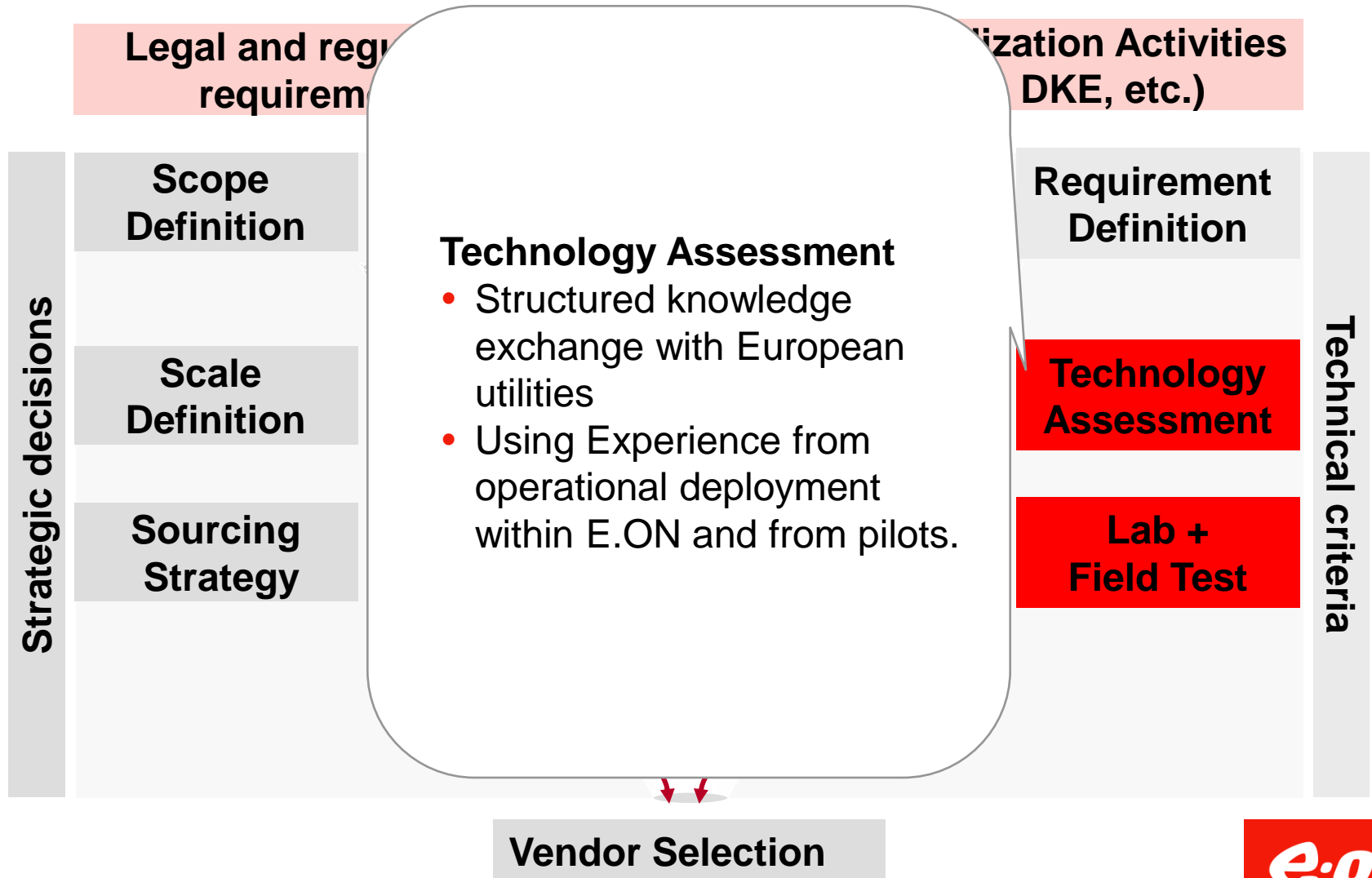
Roadmap to select Communication Technology



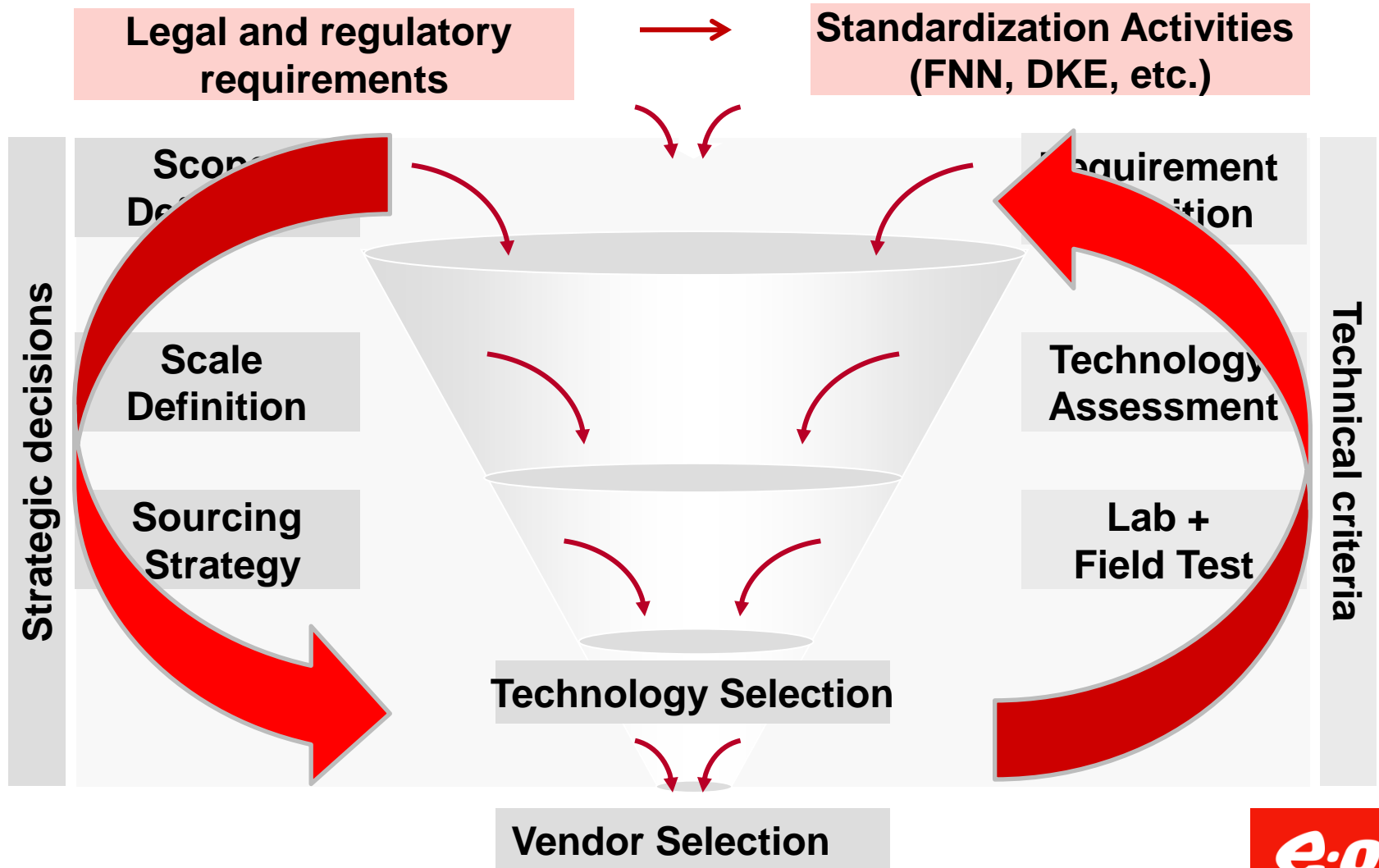
Roadmap to select Communication Technology



Roadmap to select Communication Technology



Roadmap to select Communication Technology



Key takeaways – E.ON's view

- ▶ Legal and regulatory framework need to be established first to decide on Scale and Scope of Smart Metering Infrastructure.



- ▶ Mayor technical requirements on communication infrastructure are Smart Grid driven.

- ▶ Second Mover Advantage: Germany benefits from standardization and technology development for Smart Meter communication in other EU countries.