

Interoperability in IoT: Open Standards vs Silos.

Preventing antitrust failures

Towards new contractual/regulatory approach to standardization in IoT

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Main Points

1. Nature of competition , relevant markets, technological change
2. What is new about global IoT (market vs standards and market for standards)
3. Co-opetition, co-specific investments, incentives' alignment
4. Hold-up, hold-out paradox in SEPs: a case of antitrust failure?
5. Regulation and Co-opetition - Towards new contractual/regulatory approach to standardization in IoT

1 - Specific investment

Standard

FRAND

2 - Specific investment

Hold-Up

Hold-Out

1 - Specific investment

Standard

FRAND

2 - Specific investment

Hold-Up

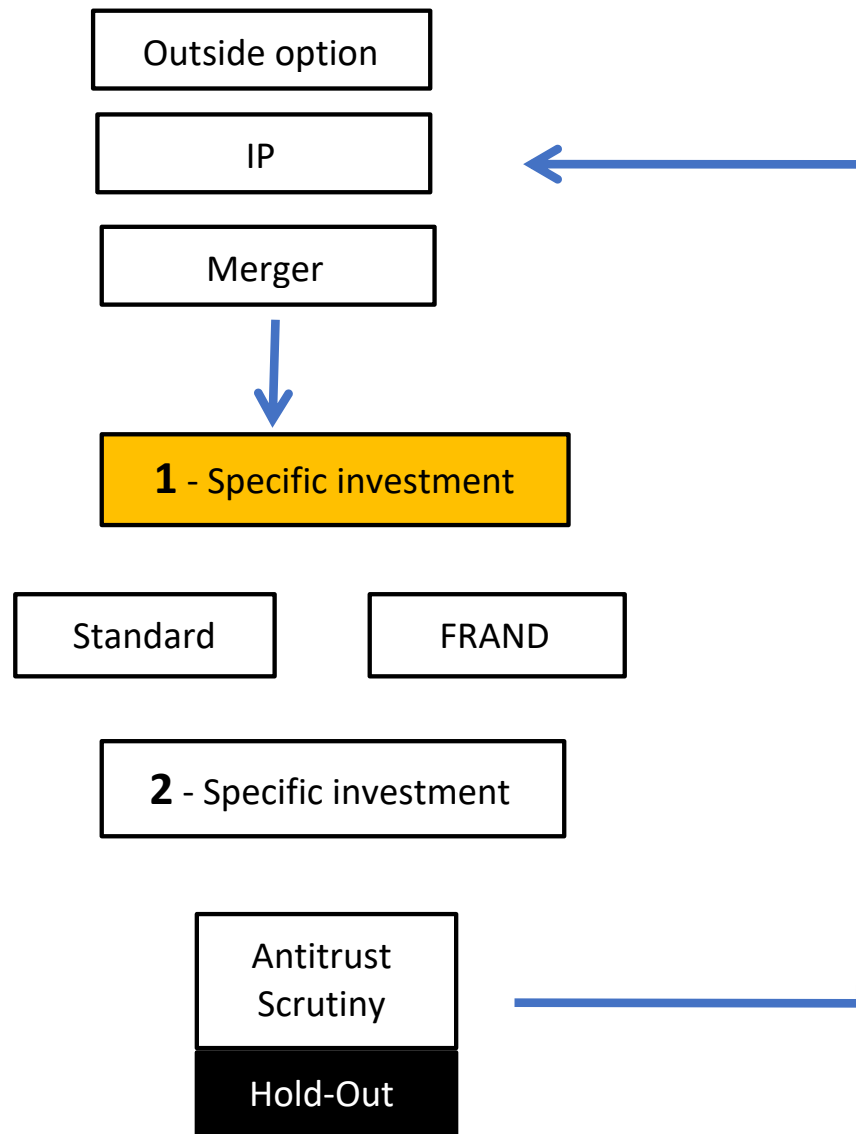
Hold-Out

Design of Ex-post Renegotiation game

Building the counterfactual scenario

Adverse selection and moral Hazard

Contracts vs Antitrust



Regulatory design (for open standards)

Several Examples

1. Spectrum harmonization
2. M2M Committee
3. Standards for Digital terrestrial tv
4. Italian «free modem» regulation
5. Net Neutrality Regulation
6. Dispute Regulation (fair and reasonable prices), regulatory focal point for the market
7. Golden Power (cybersecurity) – Advisory activity

Thanks.