



Case study: Practical examples & Roles and responsibilities

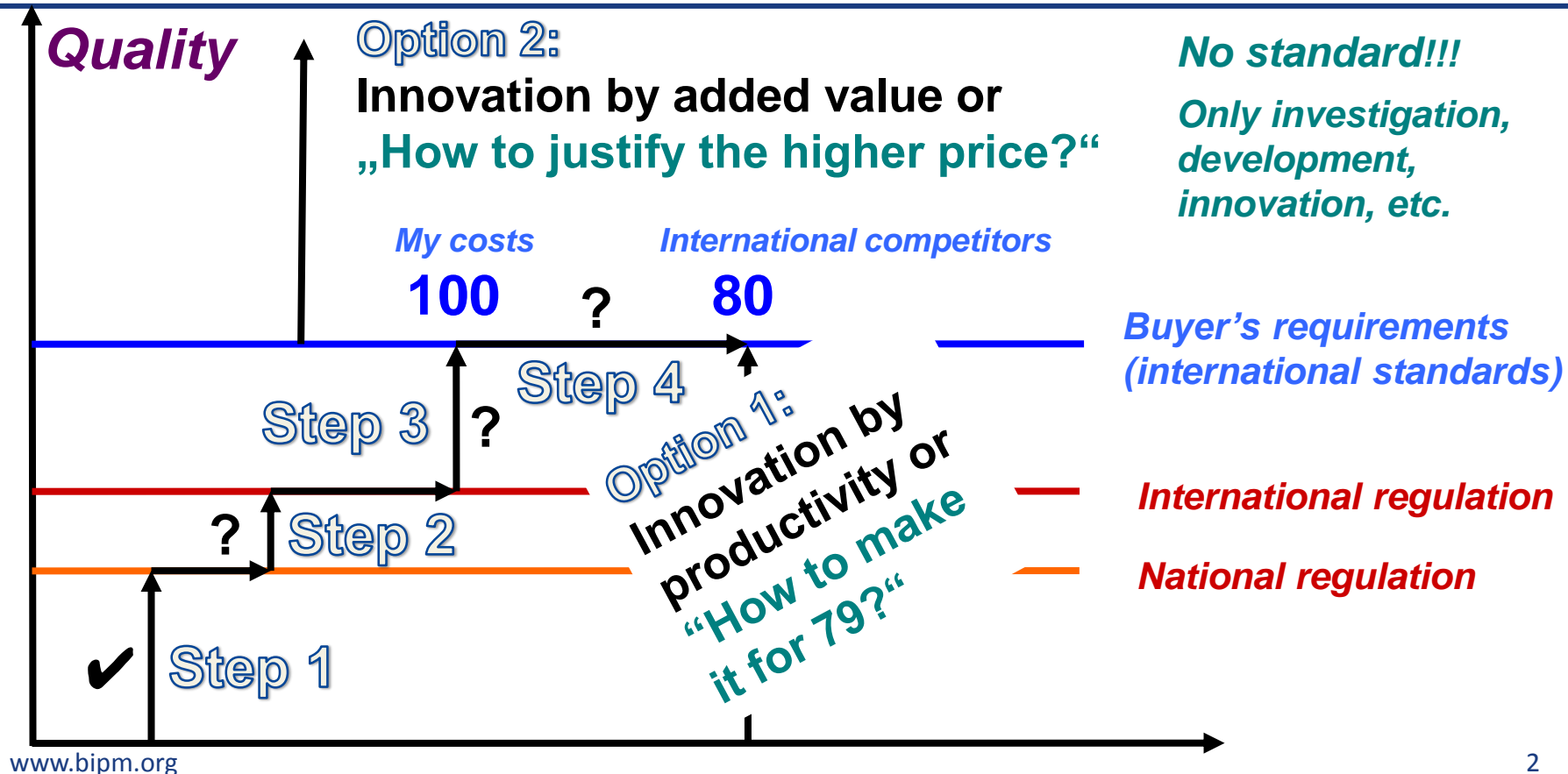
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Bureau
♦ **I**nternational des
♦ **P**oids et
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Entrepreneurs challenge:



QI applications:

<i>Field</i>	<i>Criteria</i>	<i>Implementation</i>	<i>Evidence</i>	<i>Result</i>
Protection driven state regulated	Legislation plus regulators criteria = technical regulation with reference to <ul style="list-style-type: none"> - nat/intl. standards - intl. recommendations - national needs, etc. 	conformity assessment against technical regulation or own regulators procedures	<ul style="list-style-type: none"> - border Inspection - market surveillance - pre-packaged goods inspection - etc. 	- Compliance or - Sanctions
Market driven buyer's definition	Buyer's criteria <ul style="list-style-type: none"> - nat/intl. standards - company standards - own criteria - tender documents - etc. 	conformity assessment against buyer's criteria or own buyer's procedures	<ul style="list-style-type: none"> - trust - acceptance test - supplier audits - etc. 	- Acceptance or - Rejection
Innovation driven entrepreneur's creativity	Entrepreneur's criteria <ul style="list-style-type: none"> - idea - R & D initiative - etc. 	<ul style="list-style-type: none"> - measurement & testing - investigation - method development - benchmark analysis 	<ul style="list-style-type: none"> - prototype assessment - etc. 	- New product or - Market loss

QI applications:

Field	Criteria	Implementation	Evidence	Results
Protection driven state regulated	Legislation plus regulators criteria = technical regulation with reference to <ul style="list-style-type: none"> - nat/intl. standards - intl. recommendations - national needs, etc. 	conformity assessment against technical regulation or own regulators	<ul style="list-style-type: none"> - border inspection - market surveillance 	<ul style="list-style-type: none"> - Sanctions
Market driven buyer's definition	Buyer's criteria <ul style="list-style-type: none"> - nat/intl. standards - company standards - own requirements 	Buyer's procedures	<ul style="list-style-type: none"> - trust - acceptance test - supplier audits - etc. 	<ul style="list-style-type: none"> - Acceptance or - Rejection
Innovation driven customer's criteria	Customer's criteria <ul style="list-style-type: none"> - idea - R & D initiative - etc. 	<ul style="list-style-type: none"> - measurement & testing - investigation - method development - benchmark analysis 	<ul style="list-style-type: none"> - prototype assessment - etc. 	<ul style="list-style-type: none"> - New product or - Market loss

What does it mean for Metrology???

Questions to discuss:

QI concepts focus on formal structures, international recognition, conformity assessment and mostly on “end of the pipe” routine services or control tasks.

Who helps our SME on the long way from an idea to a competitive product with QI tailor made services to achieve better productivity (same quality product for lower costs) or added value (better performance/quality for same costs)?

- 1. Which QI services do the users need before final product control or assessment?**
- 2. Which strategic partners do we (QI) need for services provided to:**
 - State-regulated areas**
 - Market-driven challenges**
 - Innovation-driven developments**
- 3. Which potential for improvement do entrepreneurs have where QI can help?**
- 4. How do I “sell” my NMI or AB or NSB?**
- 5. QI - user relations?**



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