

Helio offers instant authentication of wine using a portable device with Raman spectroscopy technology.

Problem

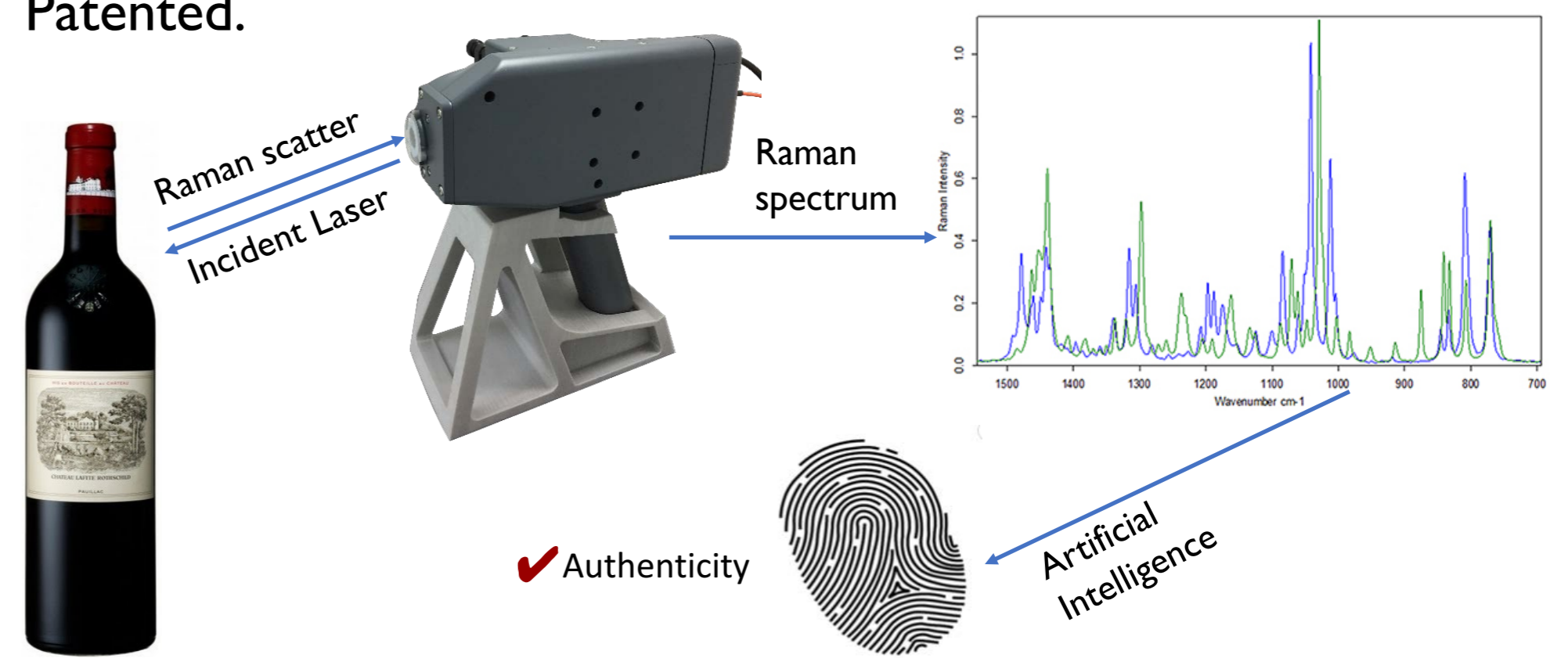
- Counterfeit alcohol causes not only economical loss, but also deaths.
- With fine wine market estimated at USD\$15 billion, 20% which accounted for USD 3 billion is estimated to be counterfeit.
- No existing technology for non-destructive content analysis.

Current Methods Limitations

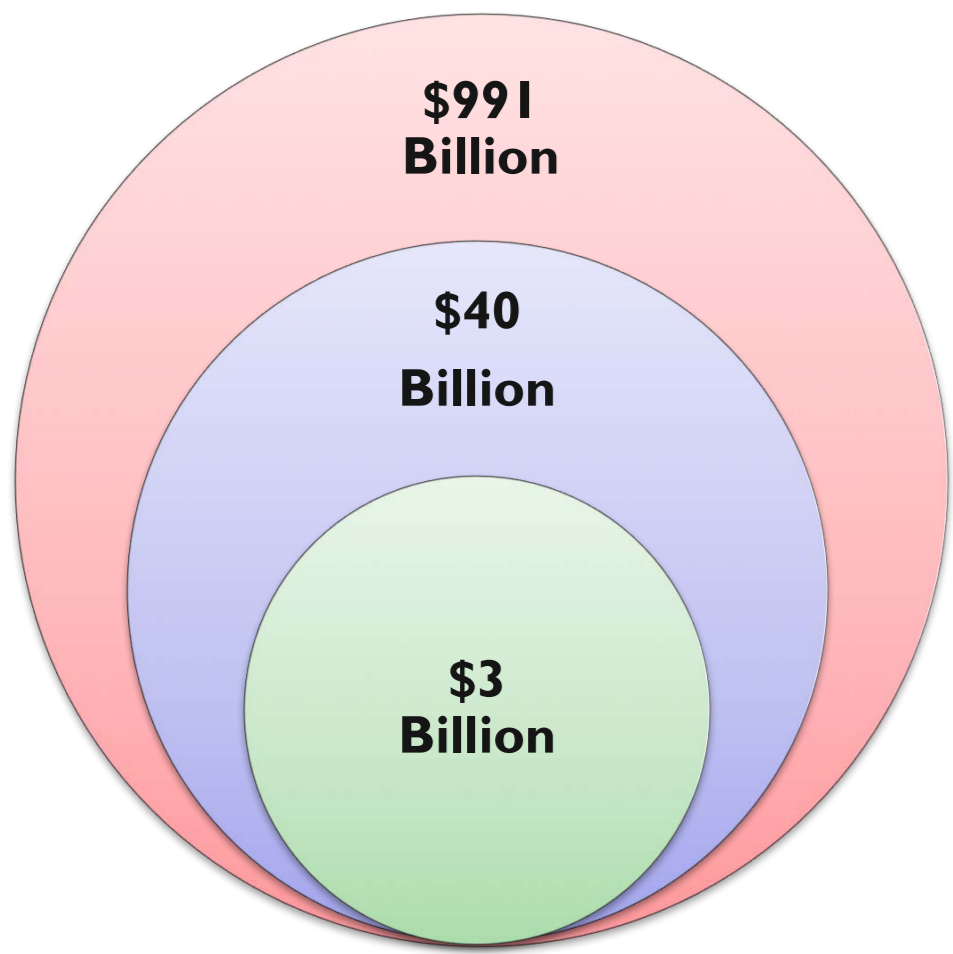
Current Methods	Limitations
Packaging/label authentication	Installation cost during manufacturing, unreliable with advancing counterfeit technology
Lab testing	Destructive, time consuming
Tasting / Inspection	Subjective

Solution

- The portable device offers instant authentication of wine without opening the bottle.
- When the wine sample is illuminated by a laser, the Raman scattering of the light gives information on the molecular composition of the wine. The molecular fingerprints of wine provides information of wine authenticity.
- Patented.



Market



Total Available Market:

- Value of trade in counterfeit goods: \$991 Billion

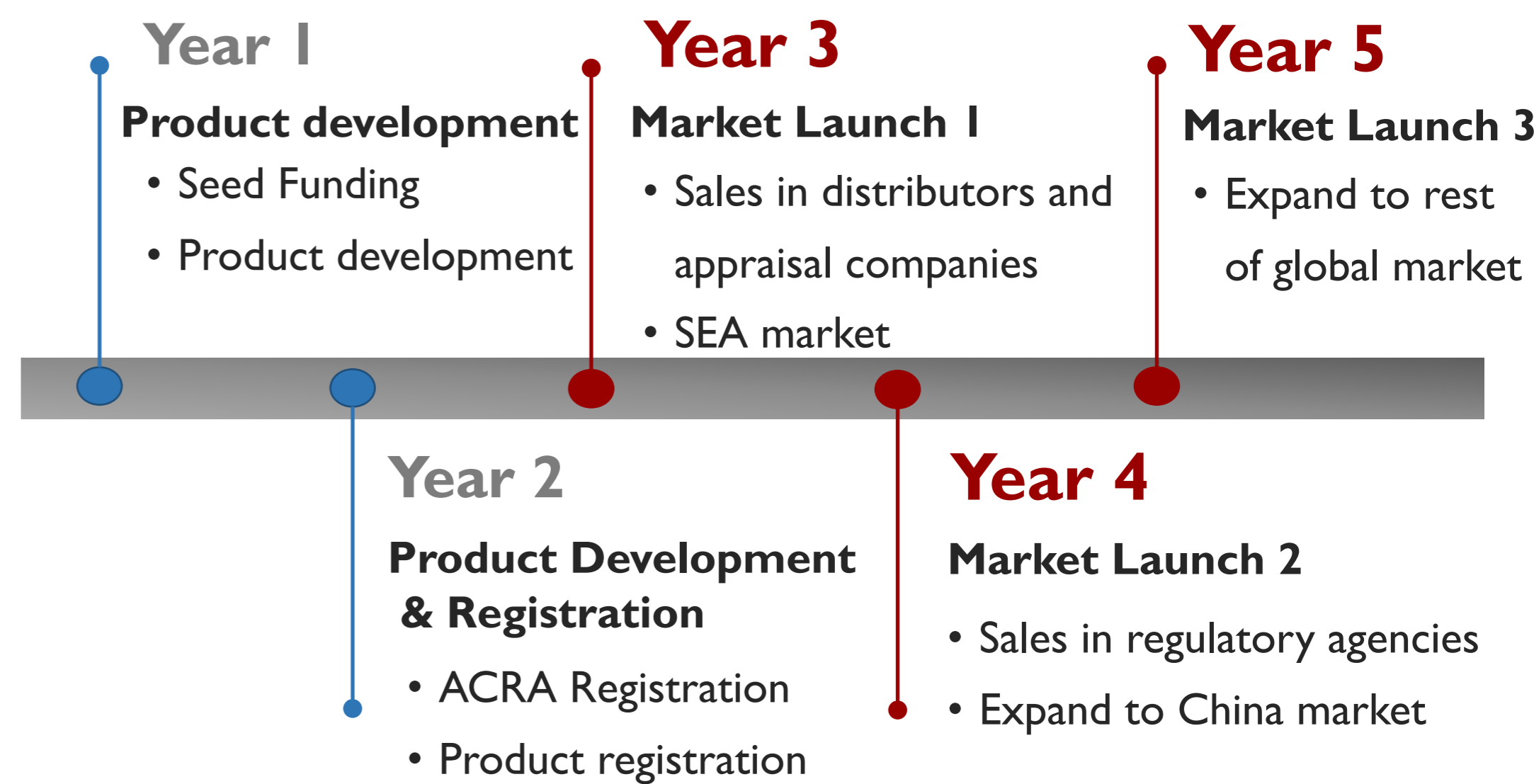
Serviceable Market:

- Value of counterfeit items in F&B industry: \$40 Billion

Target Market:

- Value of counterfeit wine
- 1700% growth in counterfeit wine

Development Roadmap



Financial Projections



- \$8K SGD/month leasing
- Revenue generation from Year 2 onwards
- 14M SGD Revenue by Year 5
- Payback in year 4

Connect With Us



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