

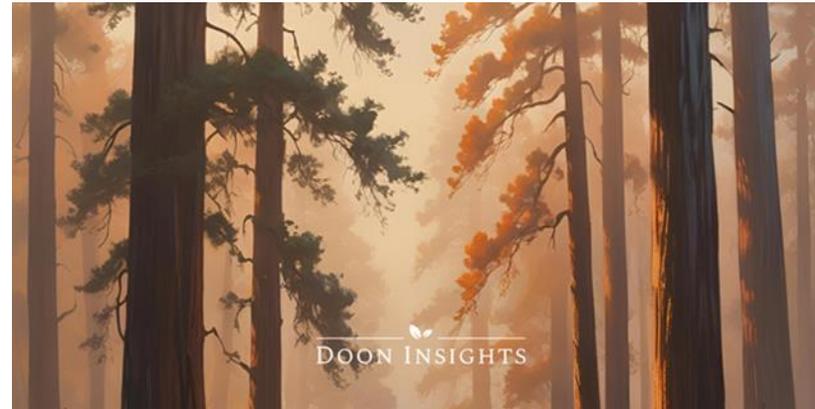


Interior Lines Advisory (ILA)

A Challenge to the Doon Insights Community: Let's Think Collectively About What Technologies Will Be the Long-Term Winners and Losers in Ag Tech

Doon Ag Tech 12

Nov 12th, 2025



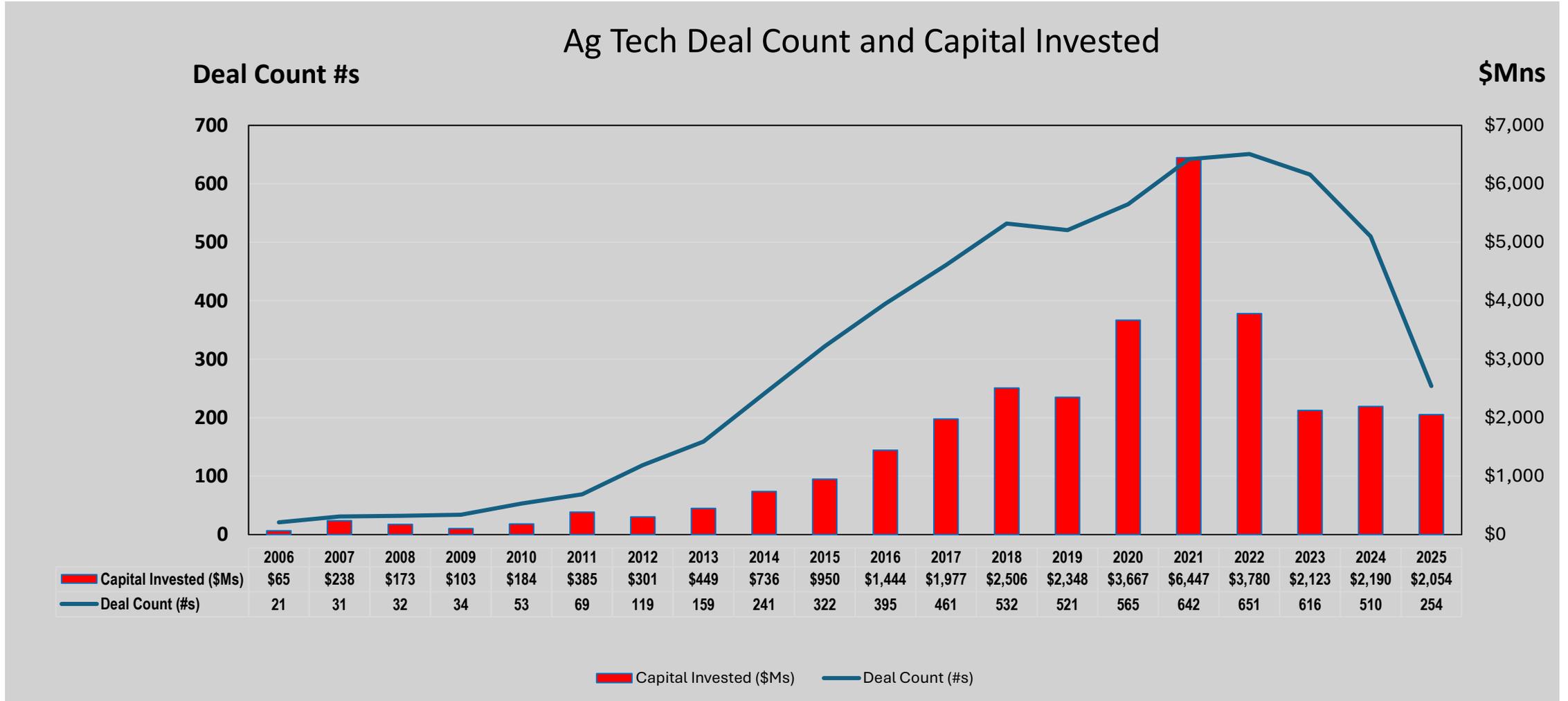
Steve Haggerty
Head of Research
Interior Lines Advisory

Doon Insight: Technology & Capital Discussion

Summary

- Investment in Ag Tech is volatile
- This is consistent with sectors where new Technology is emerging
- But Ag Tech is unique in terms of the number of new Technologies available
- And sector participants may want to spend more time vetting the Technology and its fit in Agriculture before focusing on Capital side

Ag Tech focuses on Capital – Depressed investor interest

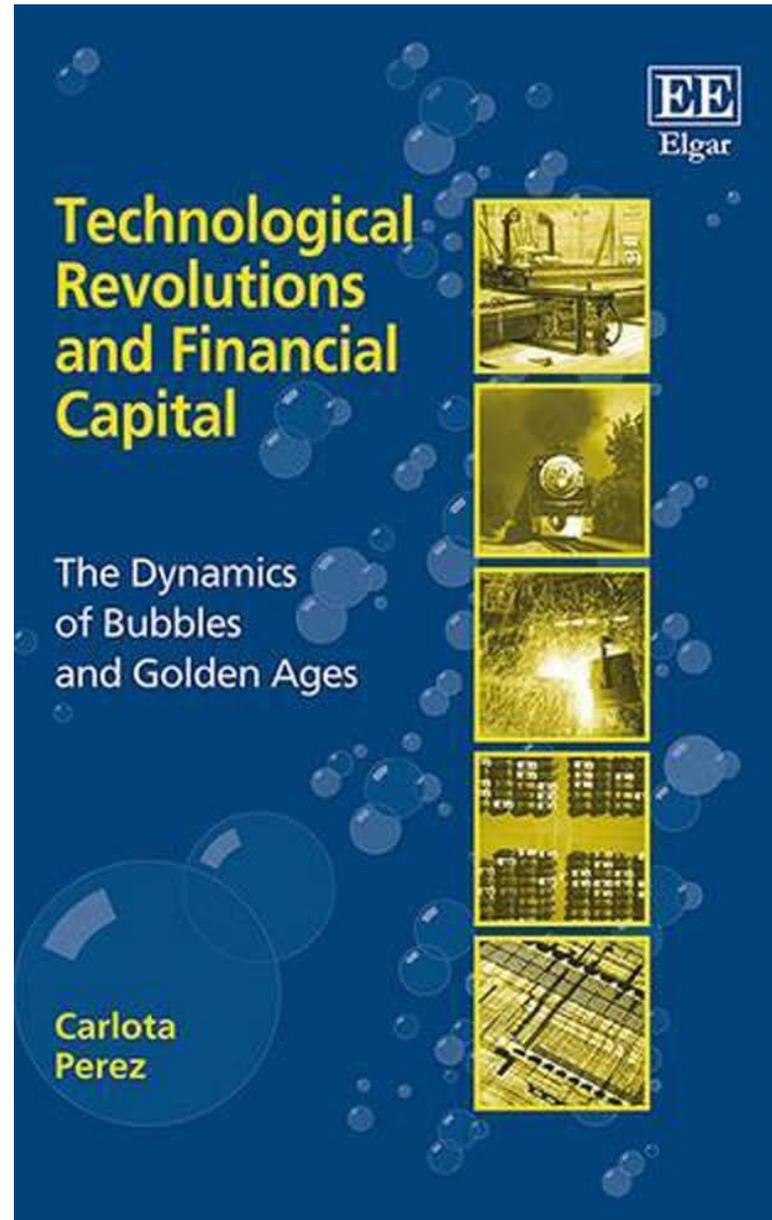




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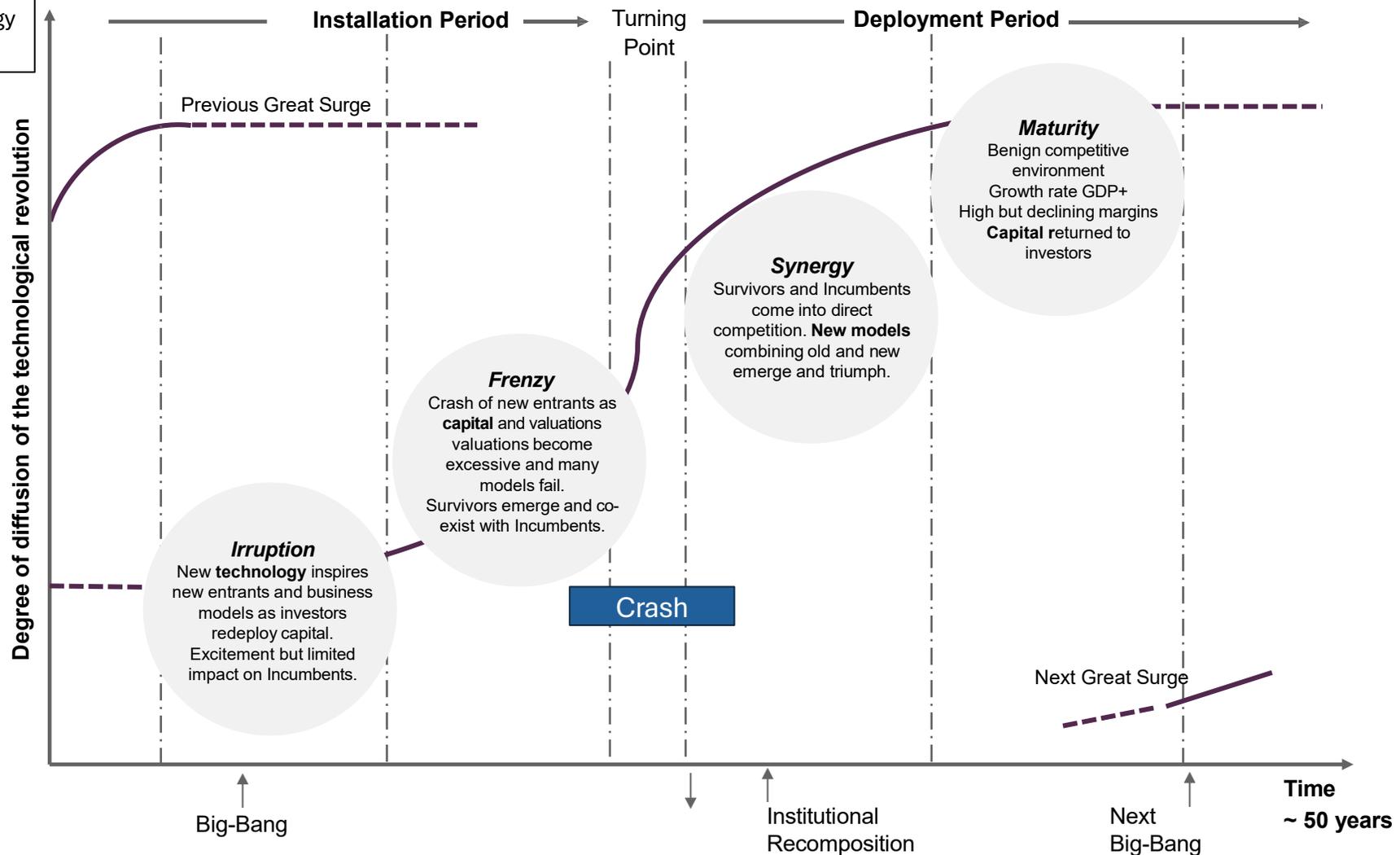
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But it is important to focus on the **Technology** and the Capital



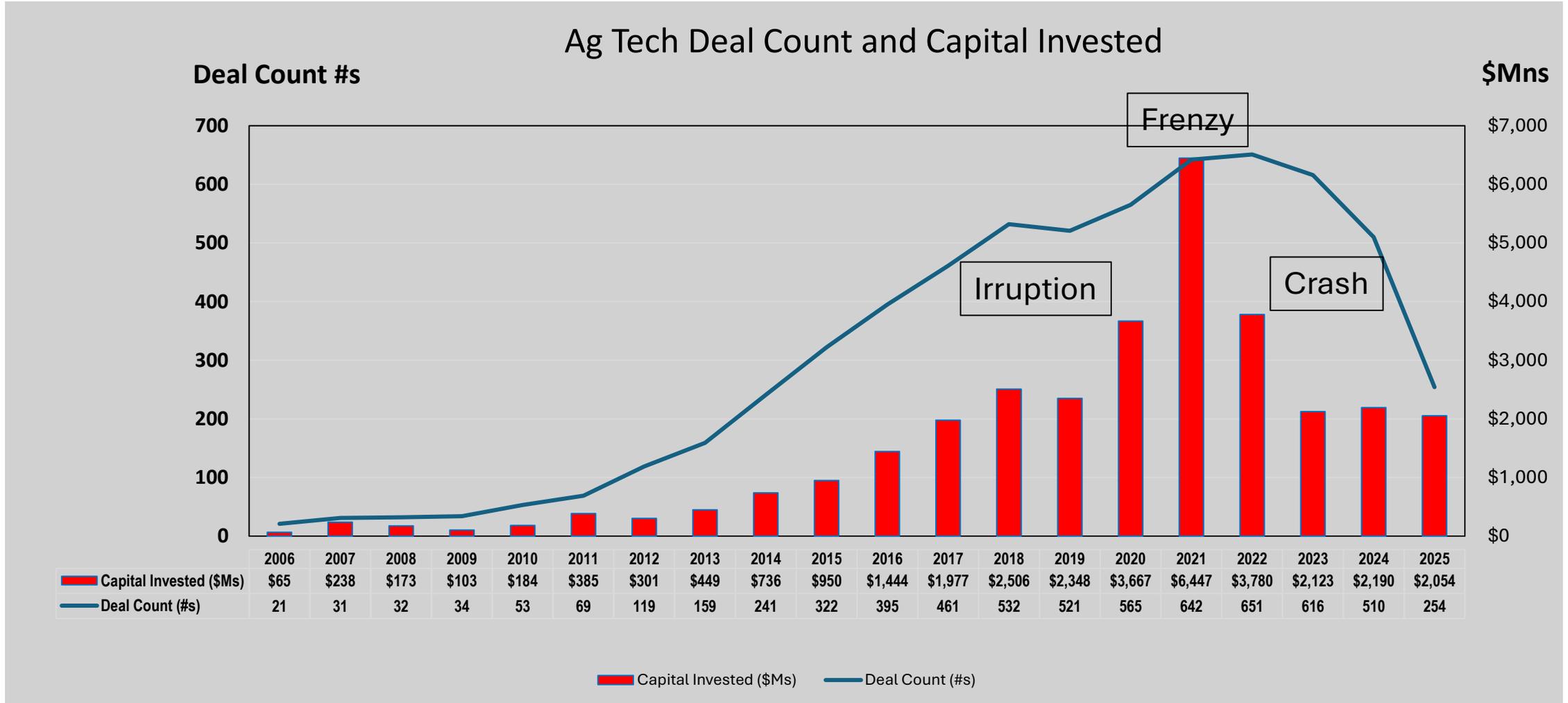
Technological Revolutions And Financial Capital – the Model

There is an observable pattern to the emergence of Technology and the flow of Capital

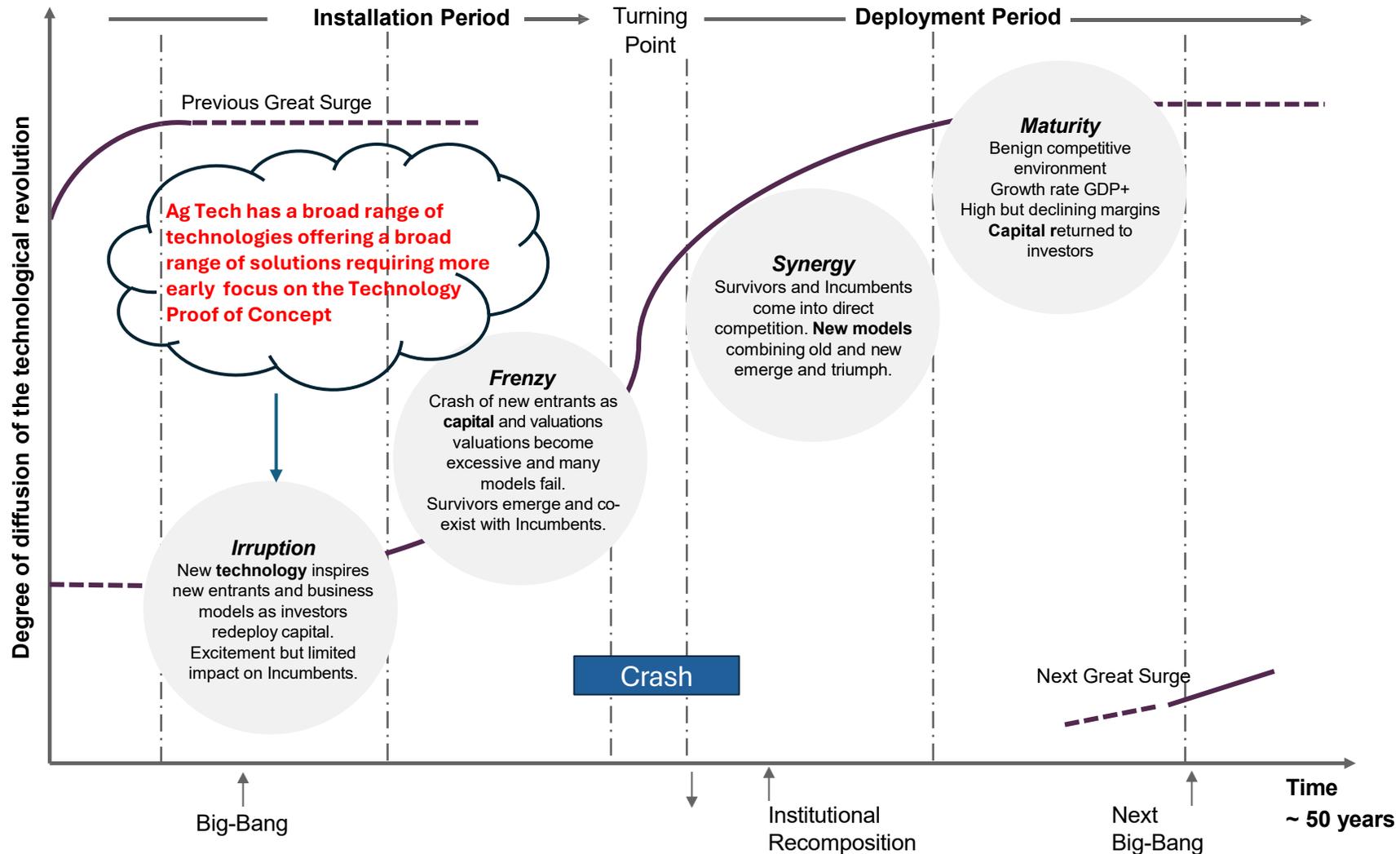


Doon Insight: Technology Discussion

Ag Tech investment follows the pattern



Technological Revolutions And Financial Capital – the Ag Tech Version



Doon Insight: Technology & Capital Discussion

3 Ag Tech Domains -Assessment

Biologicals	Seed Gene Editing	Robotics and SmartFields
<p>Subsectors</p> <ul style="list-style-type: none"> • Bionutritional – bacterial production of ammonia • Bioprotective – bacteria controls crop pests • Biostimulants – Bacteria based products stimulate crop yield <p>Domain Assessment</p> <ul style="list-style-type: none"> • Technology/Science <ul style="list-style-type: none"> ○ Tech Proof of Concept ○ Degree of Capital Intensity ○ Impact on Farmer Economics ○ Complexity of Farmer Adoption ○ Integration with AI <p>• Capital Track Record ‘22-’24 (Bionutritional)</p> <ul style="list-style-type: none"> ○ Average number of capital raises: 66 ○ Average capital raised: \$570mn ○ Successful exits last 3 years: 8 	<p>Subsectors</p> <ul style="list-style-type: none"> • Row crop – yield improvement • Row crop – insect and disease protection • Specialty crops – tailored applications <p>Domain Assessment</p> <ul style="list-style-type: none"> • Technology/Science <ul style="list-style-type: none"> ○ Tech Proof of Concept ○ Degree of Capital Intensity ○ Impact on Farmer Economics ○ Complexity of Farmer Adoption ○ Integration with AI <p>• Capital Track Record</p> <ul style="list-style-type: none"> ○ Average number of capital raises: 22 ○ Average capital raised: \$206mn ○ Successful exits last 3 years: 6 	<p>Subsectors</p> <ul style="list-style-type: none"> • Robotic labor - • Drone-based - Harvesting and application protection platforms • Machine/aerial imagery- crop analysis and digitization <p>Domain Assessment</p> <ul style="list-style-type: none"> • Technology/Science <ul style="list-style-type: none"> ○ Tech Proof of Concept ○ Degree of Capital Intensity ○ Impact on Farmer Economics ○ Complexity of Farmer Adoption ○ Integration with AI <p>Capital Track Record</p> <ul style="list-style-type: none"> ○ Average number of capital raises: 93 ○ Average capital raised: \$540mn ○ Successful exits last 3 years: 16

Doon Insight: Technology & Capital Discussion

Conclusions

- Please submit suggestions for a May 2026 panel to discuss the *Winners and Losers in Ag Tech* and the criteria for making these assessments

Potential Criteria
• Rigor of Proof of Concept
• Degree of Capital Intensity
• Impact on Farmer Economics
• Complexity for Farmer Adoption
• Capital Track Record
• Integration with AI
• Others

- **Submit ideas and suggestions to Jeremy Villeneuve: jeremy@dooninsights.com**