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BUILDINGENERGY NYC

Here's the Thing! **Decarbonization and Our Work Ahead**

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Curated by Christina Aßmann and Abbott Price

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Intro - Looking still
is not always Being still



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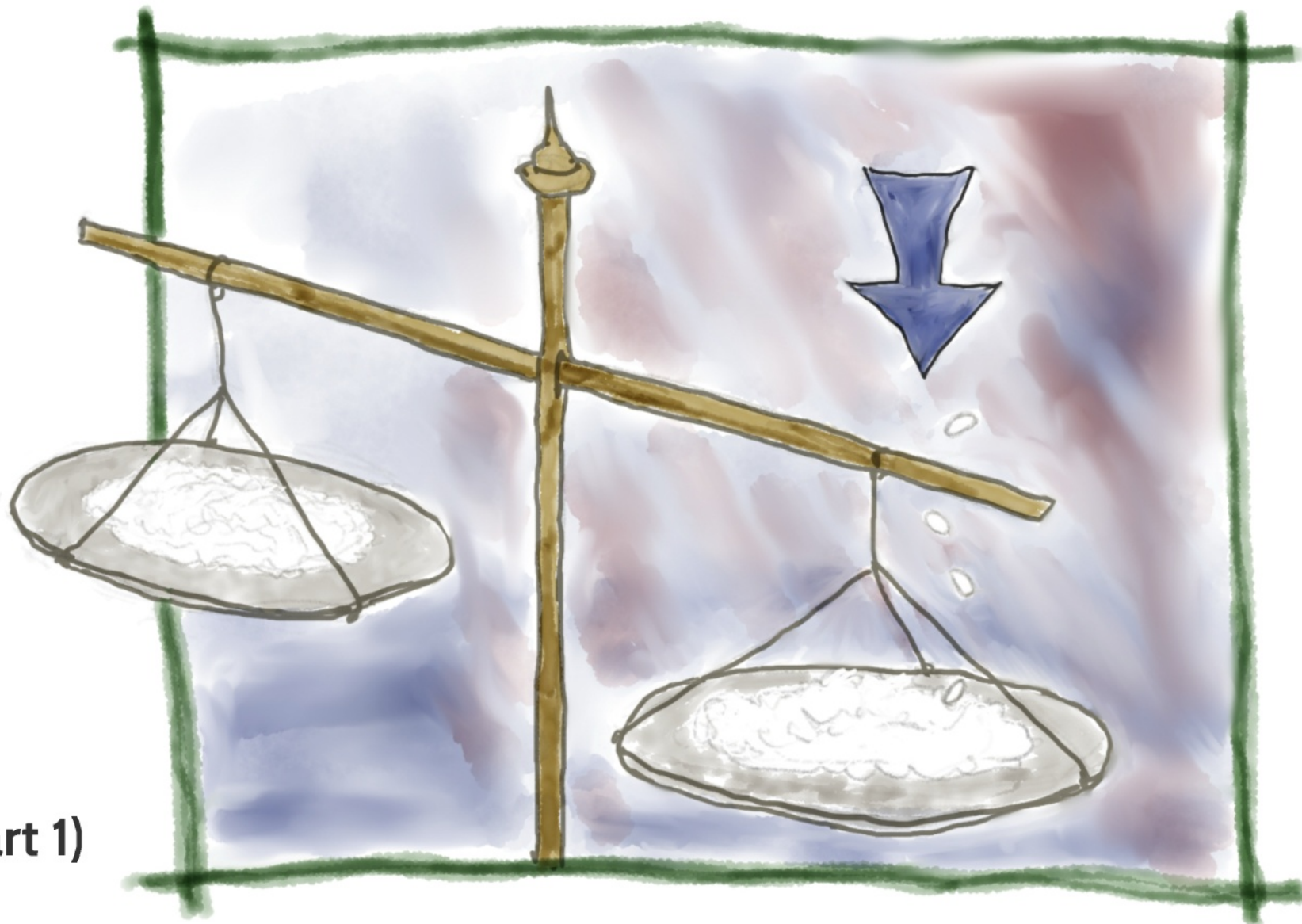
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Intro - Looking still is not always Being still

Successes and Stories -

- AIA - Framework for Design Excellence, AIA2030
- SE2050
- MEP2040
- Common Material Framework
- Private money still out there

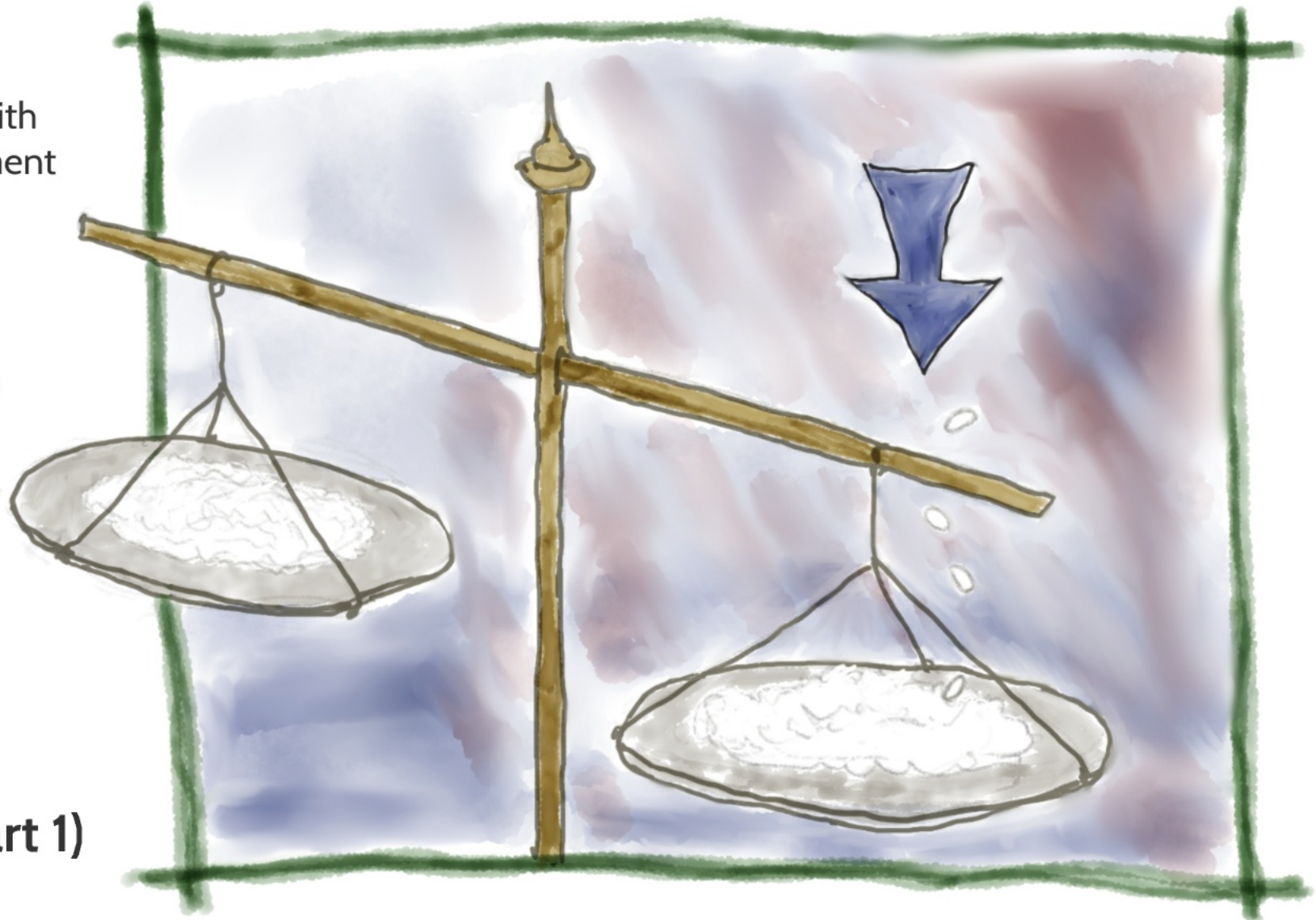




Chapter 1 - Rough paths (part 1)

Success and Stories-

- Buy-clean in NY with producer engagement
- Collective Impact
- EPDs
 - More access
 - Refined EPDs
 - Local materials



Chapter 1 - Rough paths (part 1)

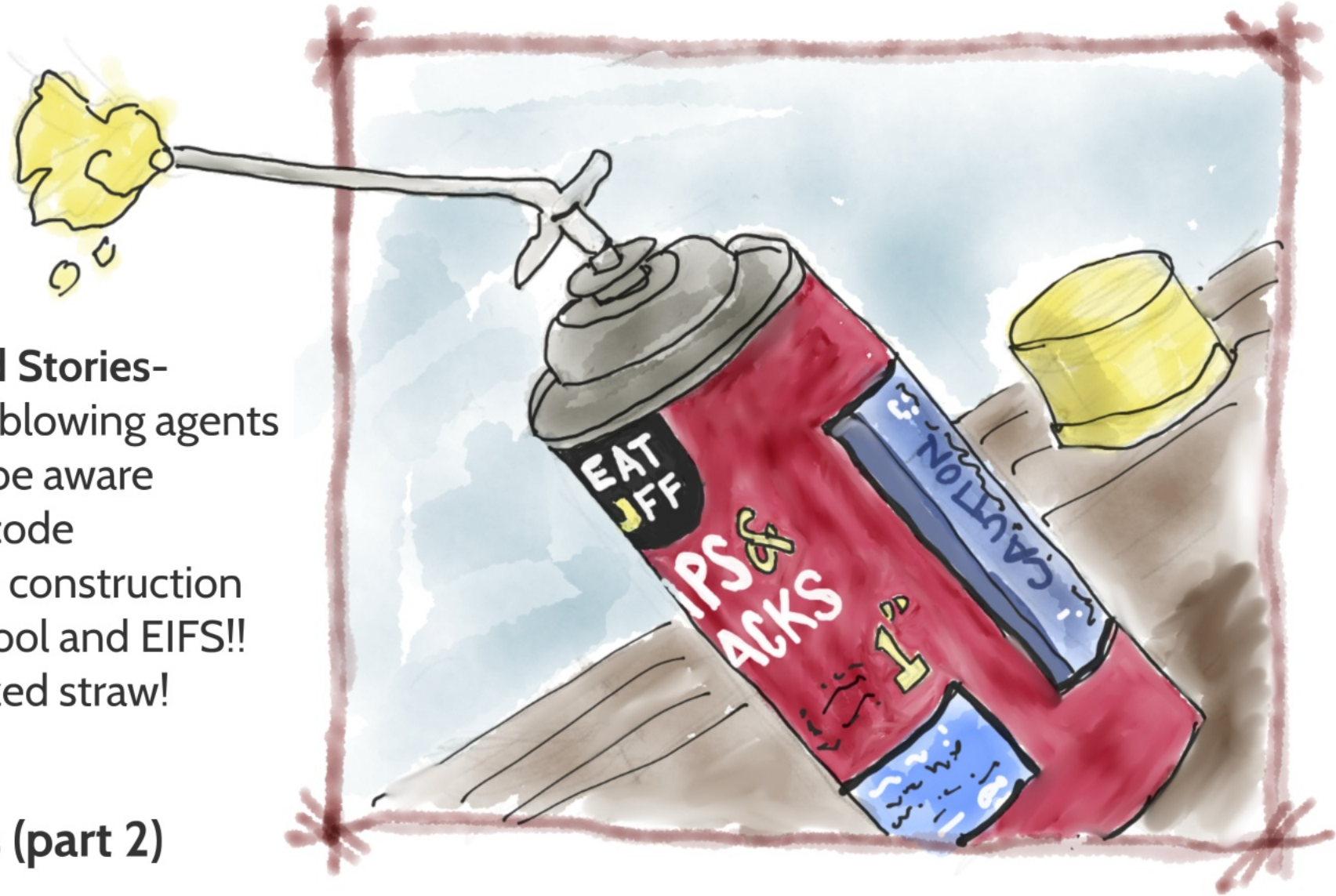
Chapter 1 -
Rough paths (part 2)

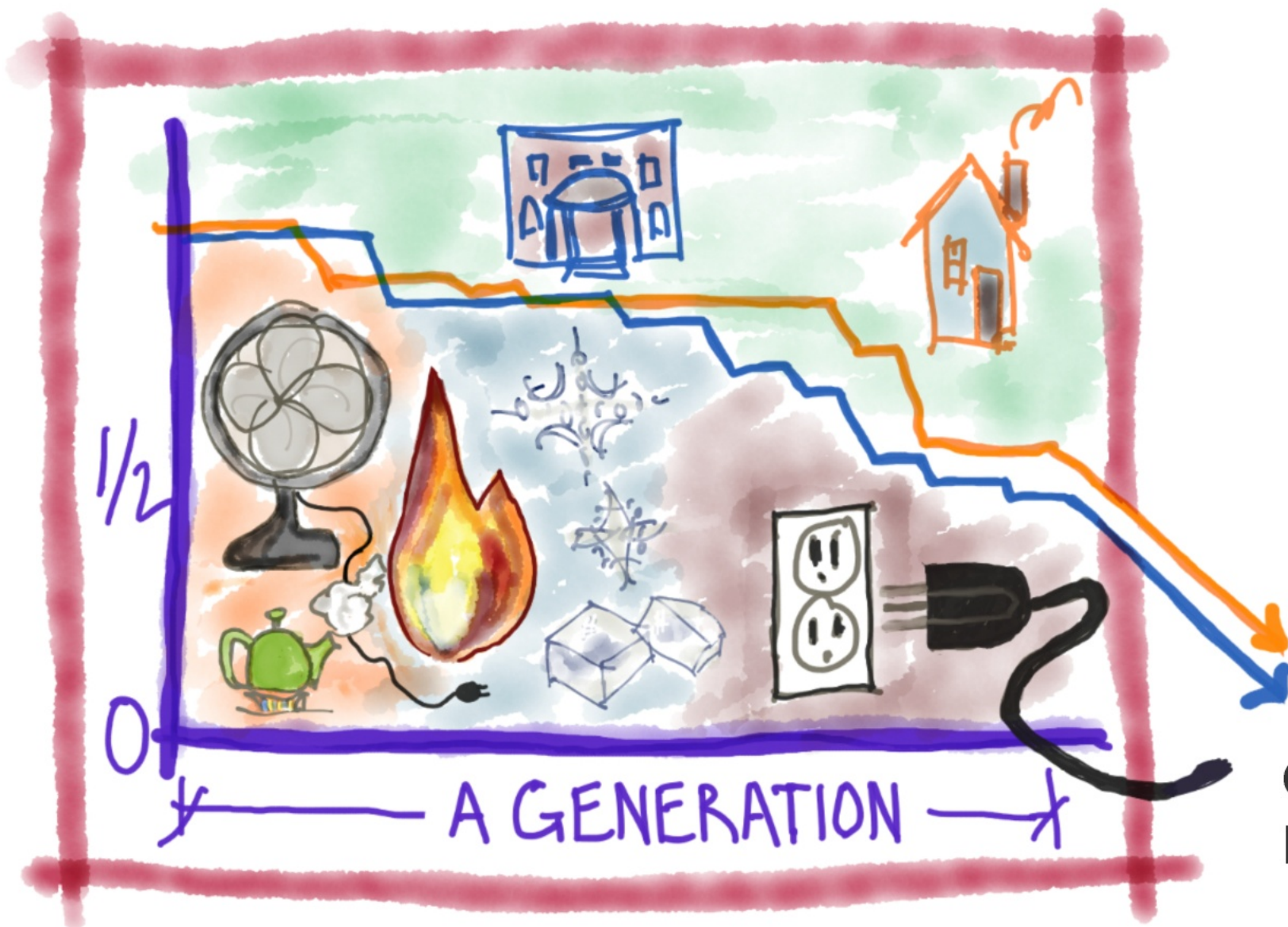


Successes and Stories-

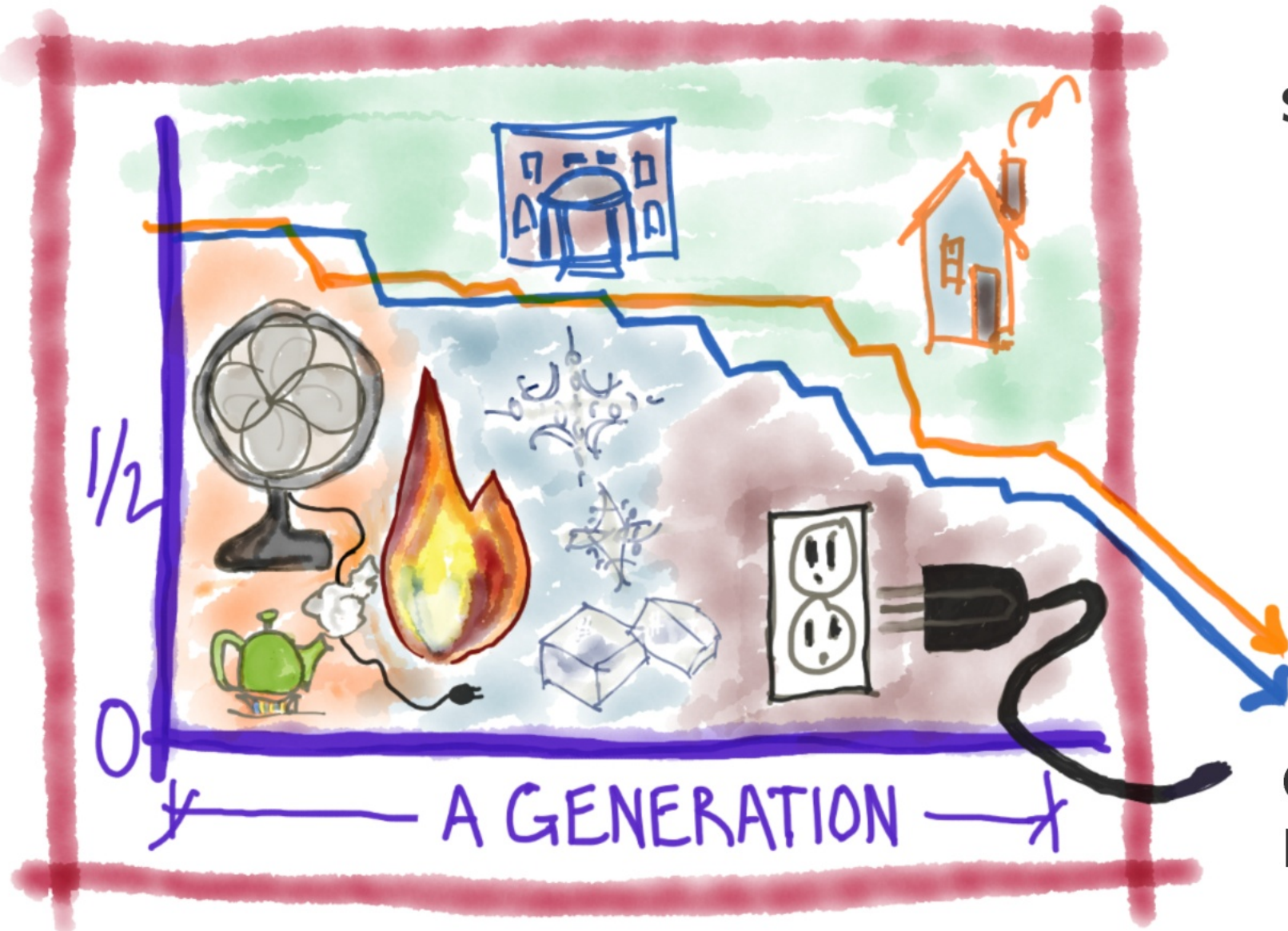
- Low GWP blowing agents
 - Buyer be aware
- PHIUS in code
- Foam-free construction
 - Rockwool and EIFS!!
 - Panelized straw!

Chapter 1 - Rough paths (part 2)





Chapter 1 -
Rough paths (part 3)



Successes and Stories -

- Climate zones in USA have changed
 - Frost depths are decreasing
- Energy Codes!
- NYS Climate Impact Assessment

Chapter 1 -
Rough paths (part 3)

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Chapter 2 - Big Picture Focus! (part 1)



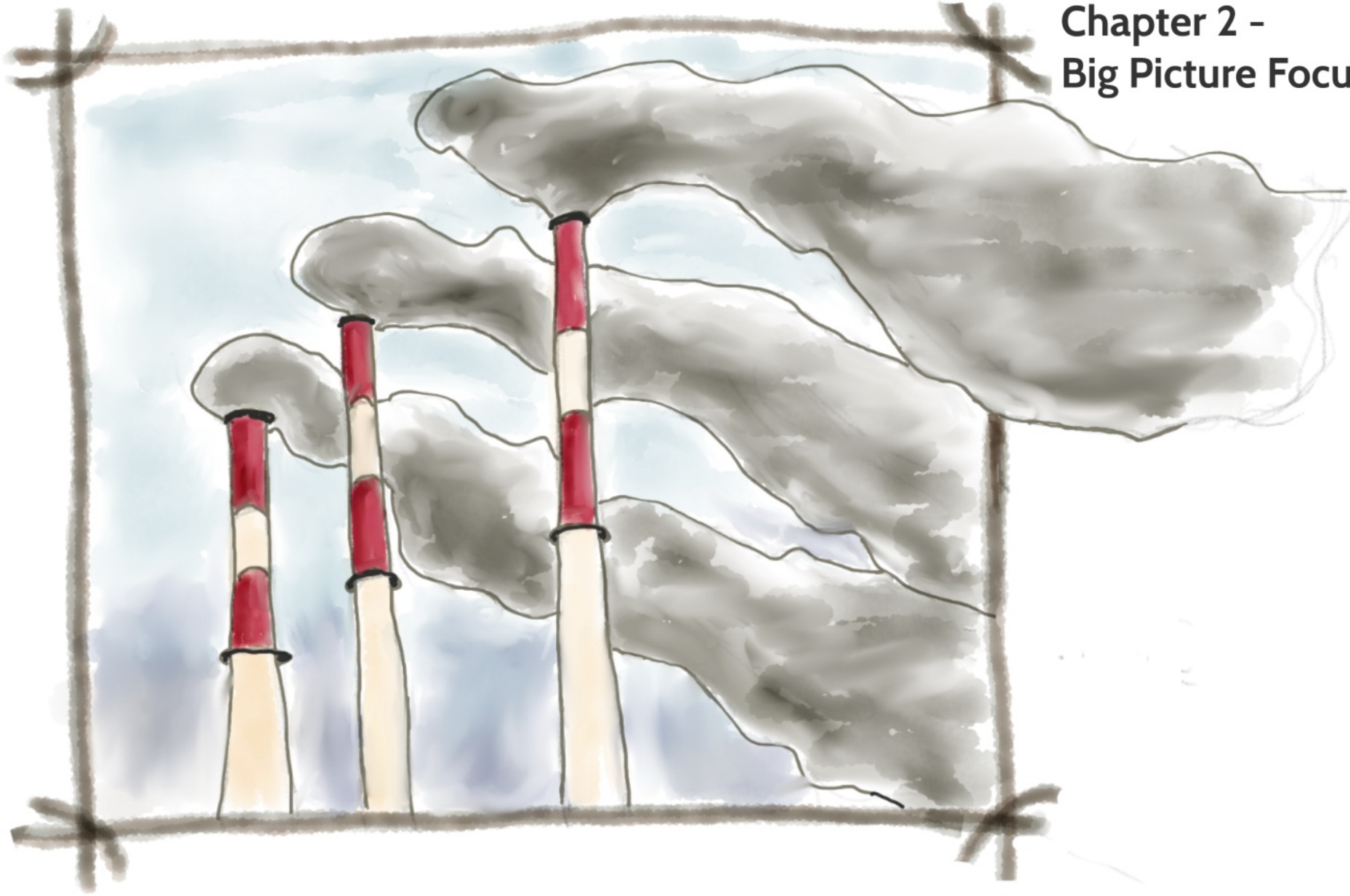
Chapter 2 - Big Picture Focus! (part 1)

Successes and Stories -

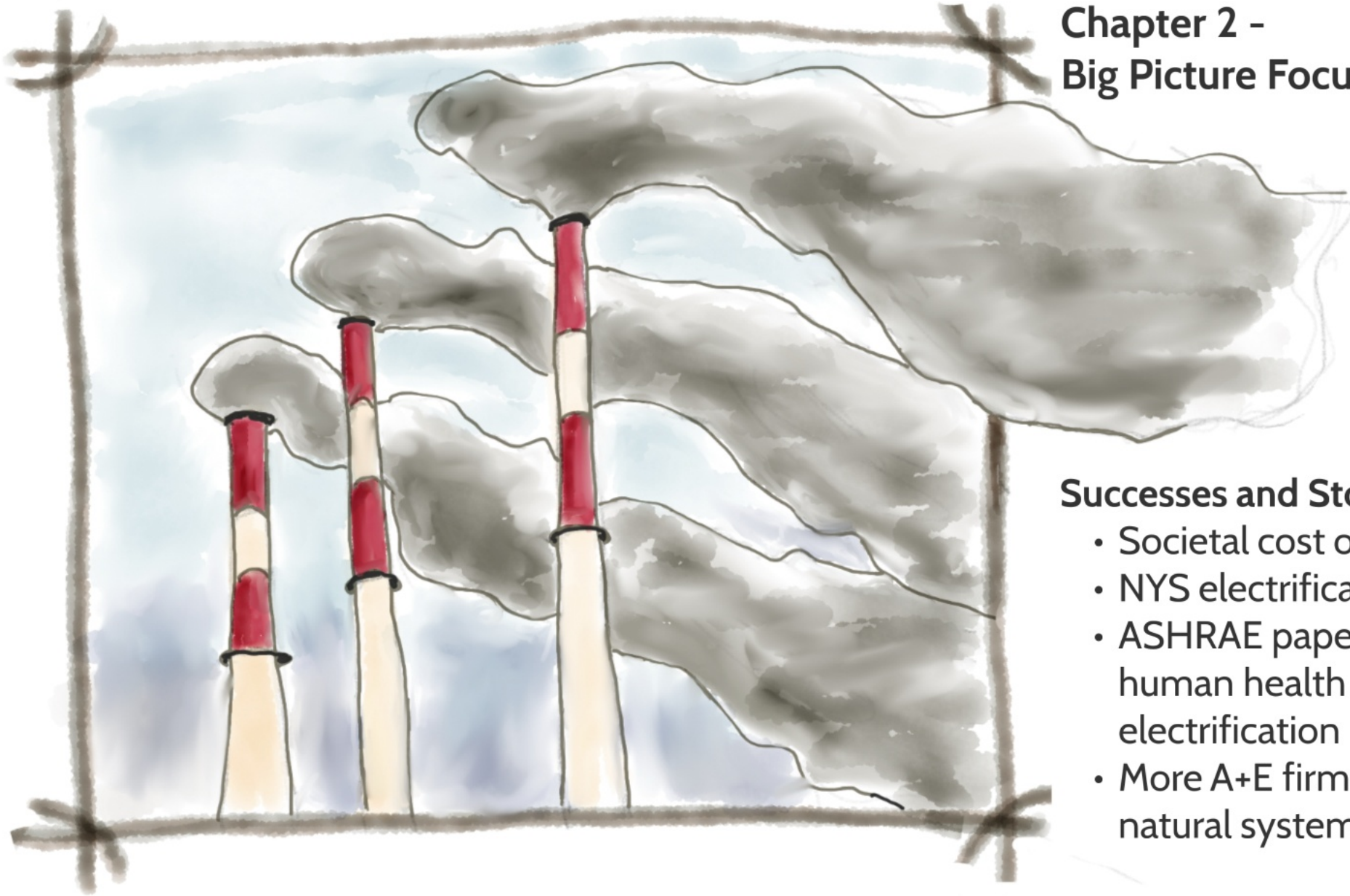
- More is often less
- Discrete tech solutions
- Energy cost increases still drive efficiency
- Equity and diversity goals as information
- Resistances large and small



Chapter 2 - Big Picture Focus! (part 2)



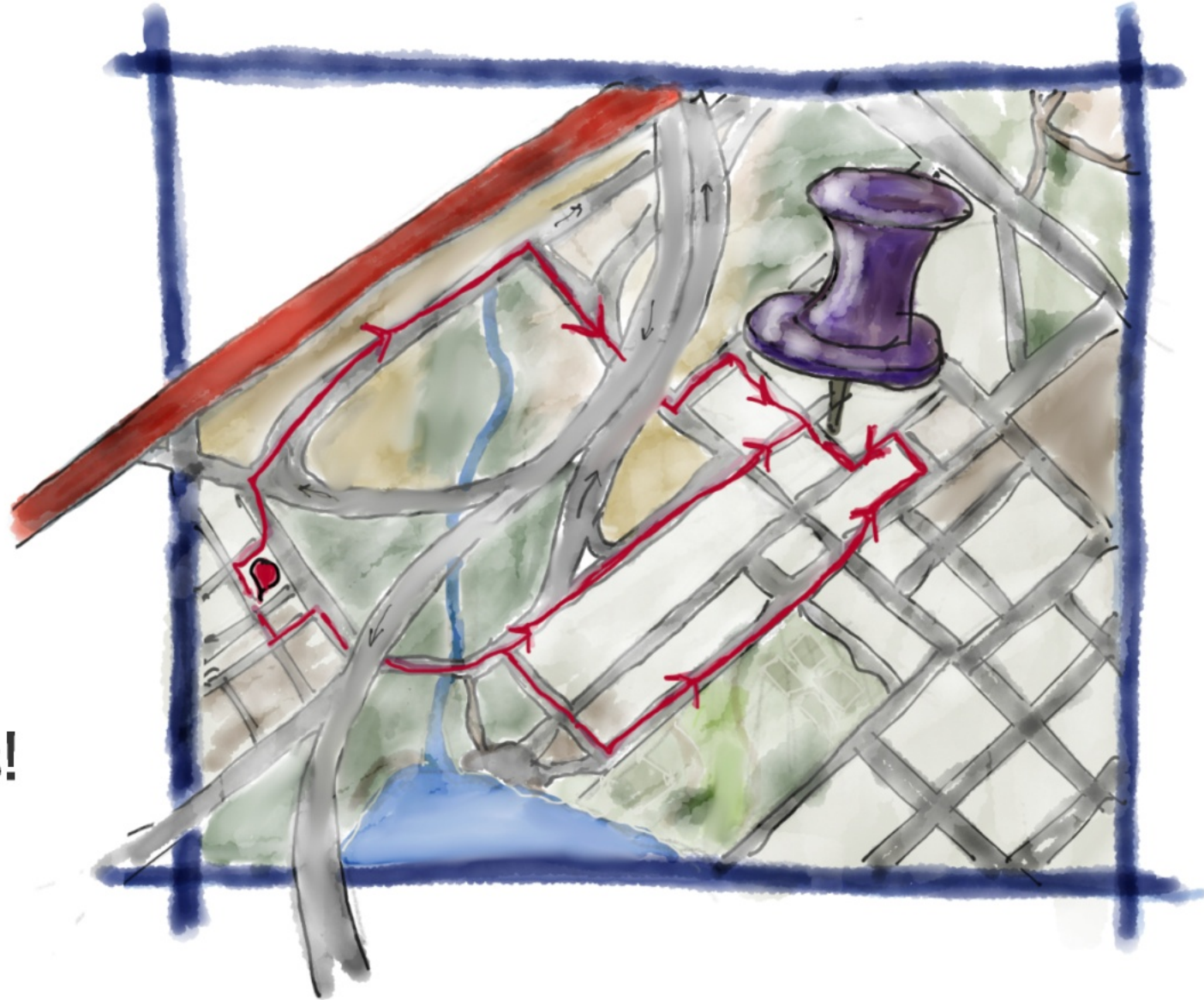
Chapter 2 - Big Picture Focus! (part 2)



Successes and Stories -

- Societal cost of carbon
- NYS electrification law
- ASHRAE paper on human health and electrification
- More A+E firms looking at natural systems impacts

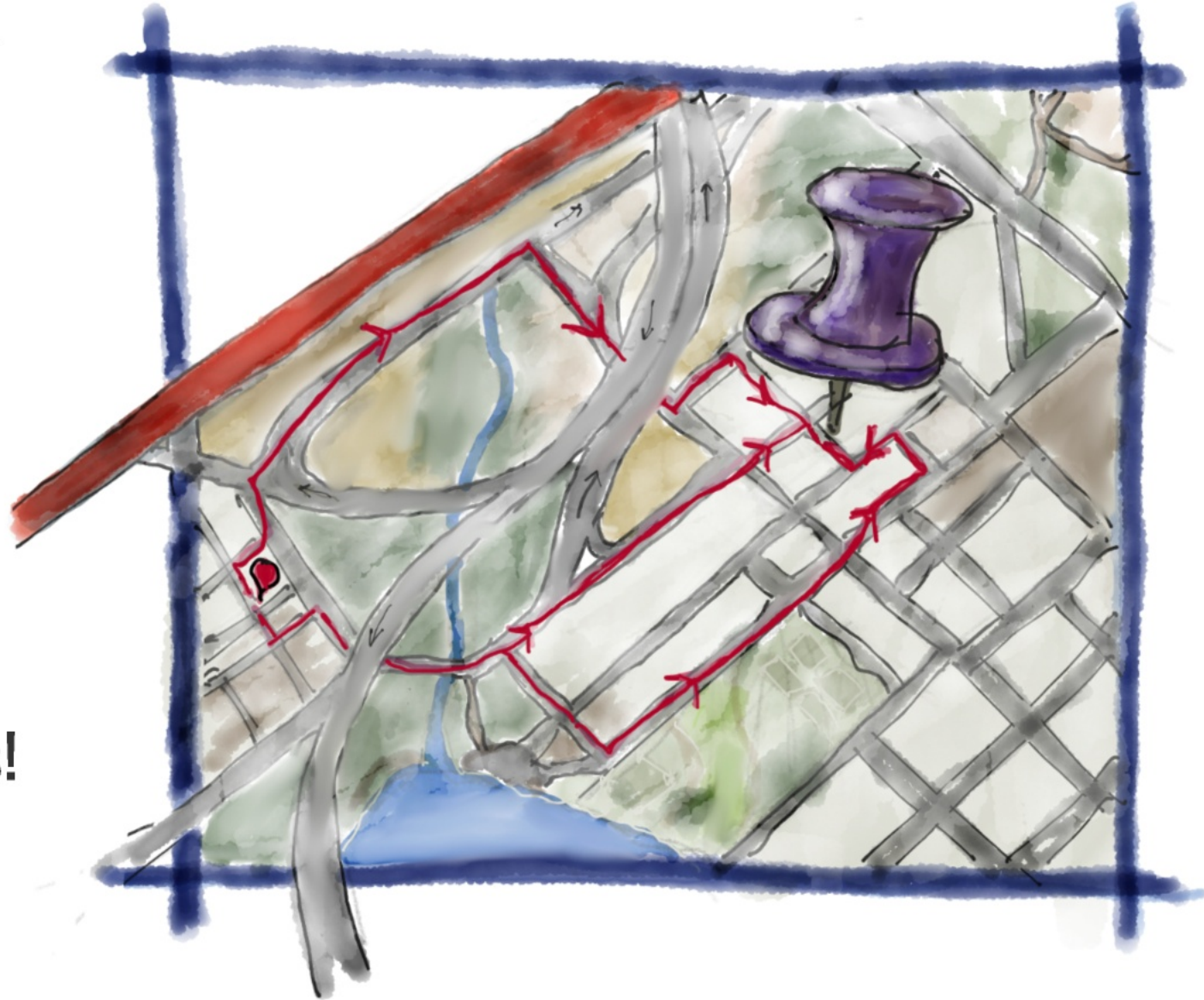
Chapter 2 - Big Picture Focus! (part 3)



Successes and Stories -

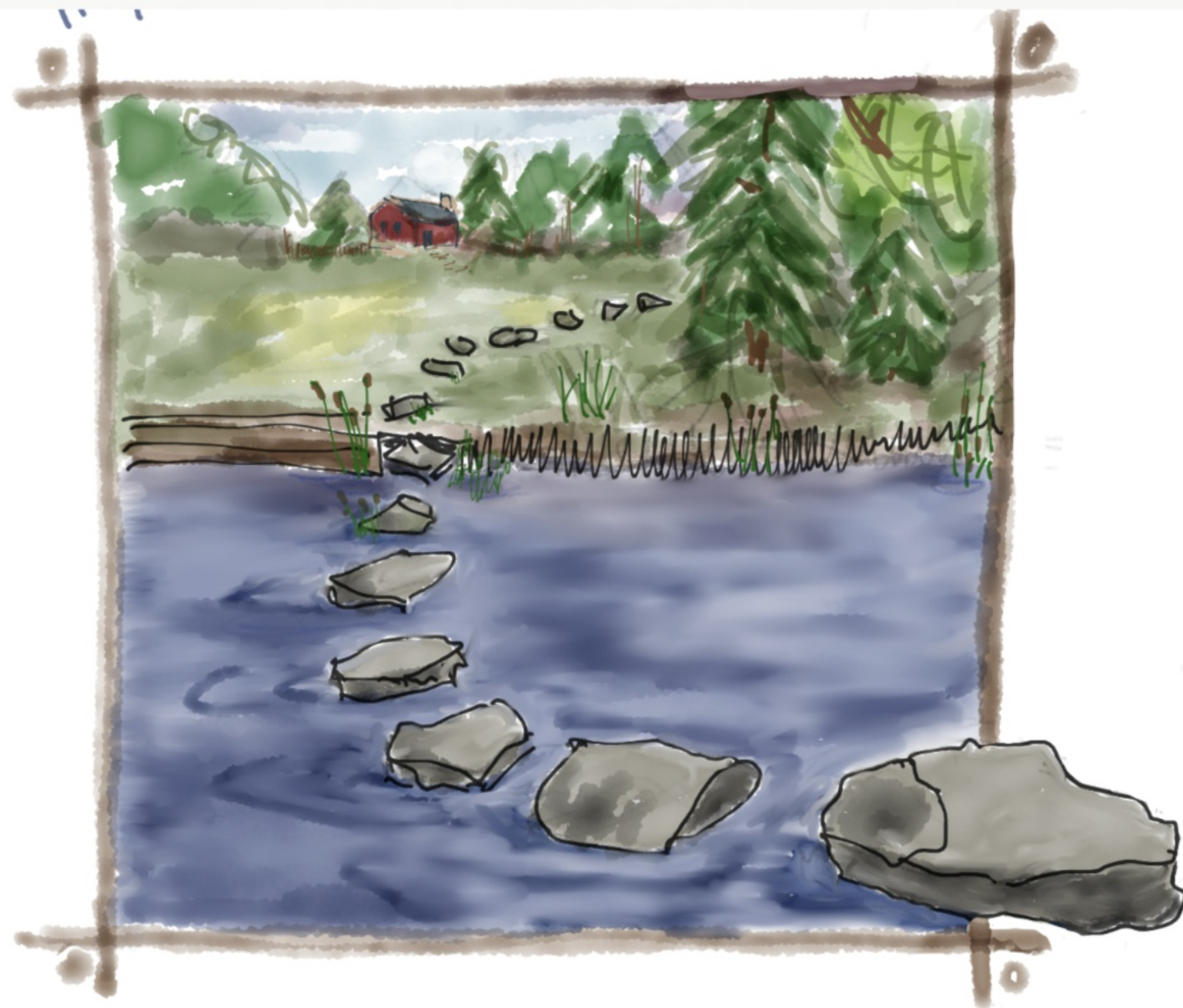
- EV owning and infrastructure
- Highway reductions
 - Trends
 - Carbon bloom
 - Material reuse
- Housing/ carbon

Chapter 2 - Big Picture Focus! (part 3)

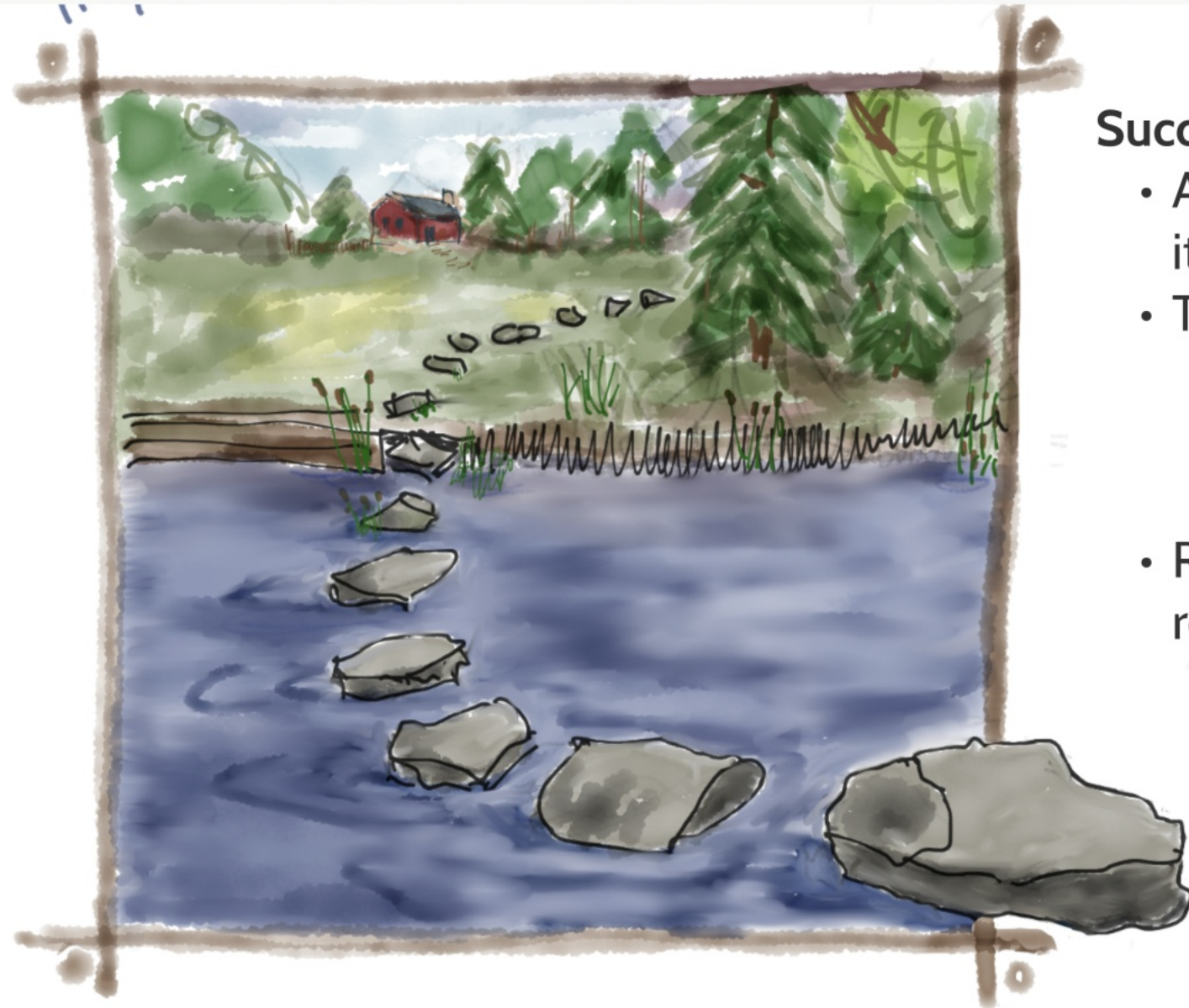


Here's the Thing...





**Chapter 3 -
Take a Step to See
More...(part 1)**



Successes and Stories -

- Aspirational goals AND iterative plans
- Travel choices
 - Amtrak electric trains!
 - Solar boats
 - 15 min cities
- Recovery from the rebound to in-person?

Chapter 3 - Take a Step to See More...(part 1)

**Chapter 3 -
Take a Step to See More...
(part 2)**



Successes and Stories-

- More design work up-front in "discovery"
- It is simplistic and easy to say something can't be done
- Pilot Projects (P3) to test and iterate

Chapter 3 - Take a Step to See More... (part 2)



Summary -
Diversity brings
info, resilience,
recognition, and
potential.



Successes and Stories -

- AIA code of ethics updates
- Too many “green” conferences!
- Attraction and retention of staff

Summary -
Diversity brings
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recognition, and
potential.



Here's the Thing...





**...we have more
work to do...**

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**...and we know
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Thank you!

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