TEST

A story we have *all* heard before...

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Green Software Foundation

Feeling the squeeze? GreenOps offers a sustainable solution for busy engineering teams.

Sarah Hsu @ LeadDev Berlin 2024

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How can stretched engineering teams integrate sustainability into their workflow?

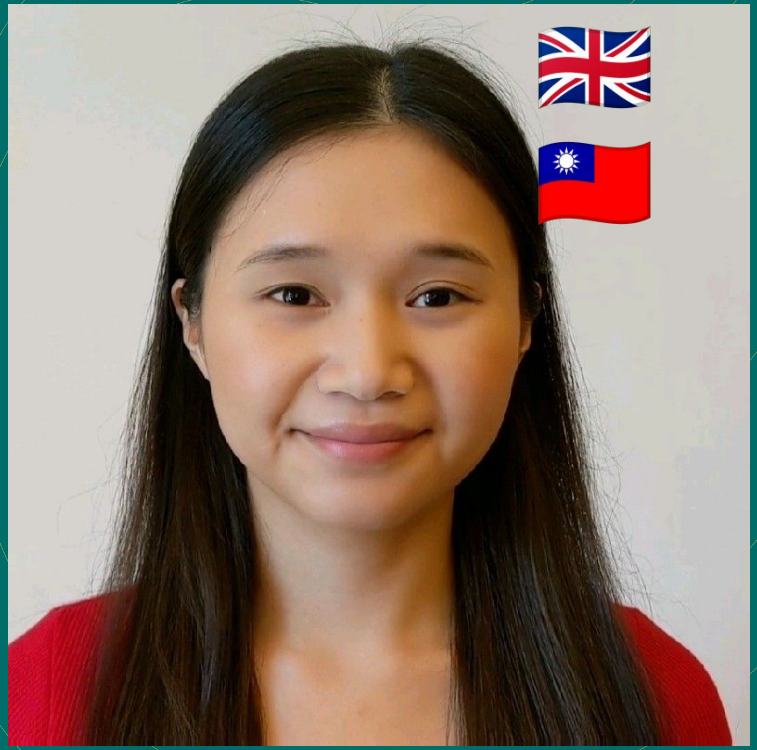
Sarah Hsu

Site Reliability Engineer

Green Software Principles Project Lead @ Green Software Foundation

Author of O'Reilly Book “Building Green Software”

https://www.linkedin.com/in/greenhsu123/

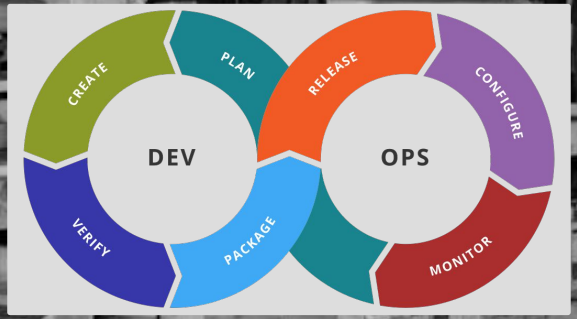


Front-end devs

Back-end devs

DevOps/ SRE

Infra devs



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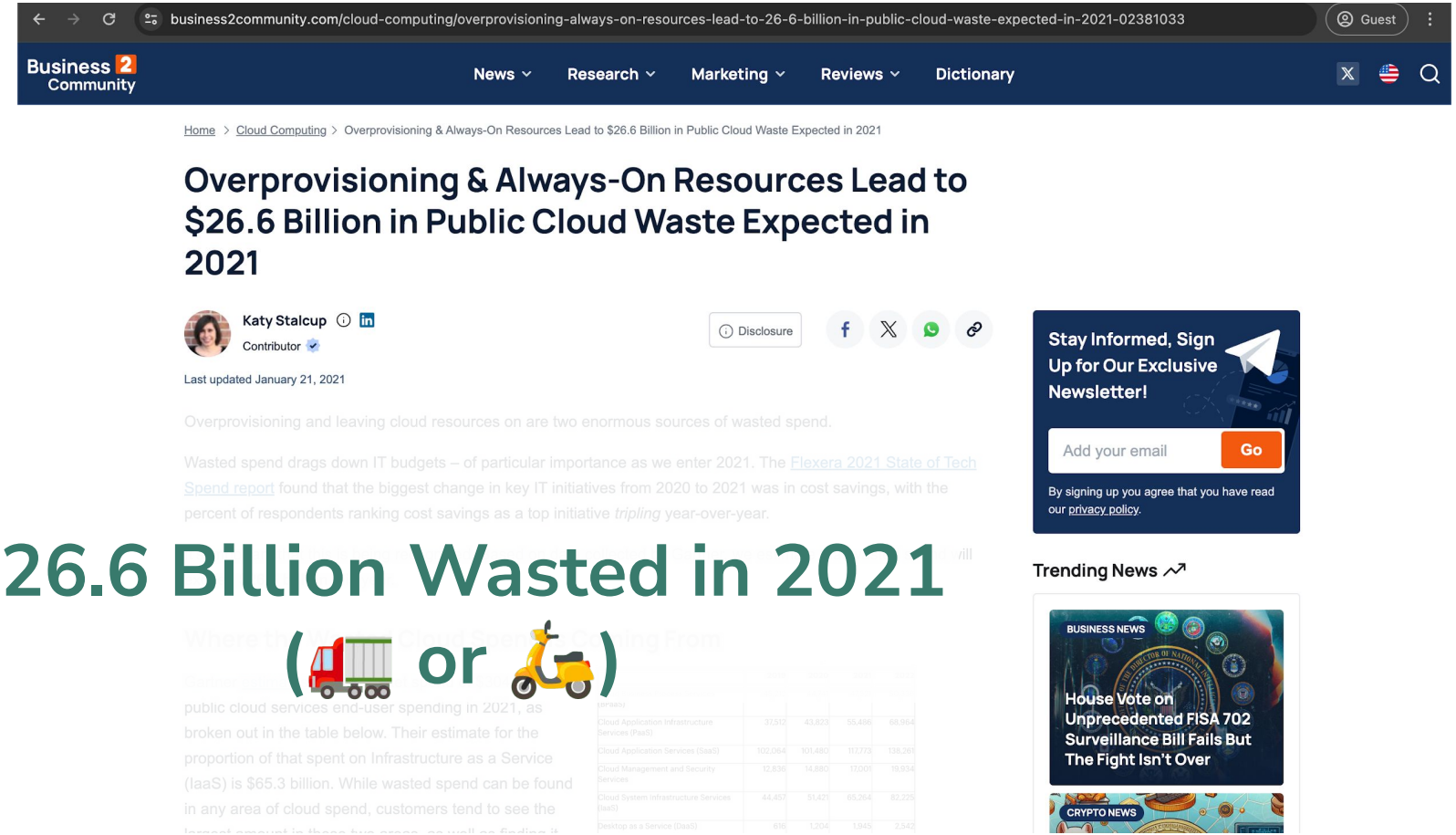
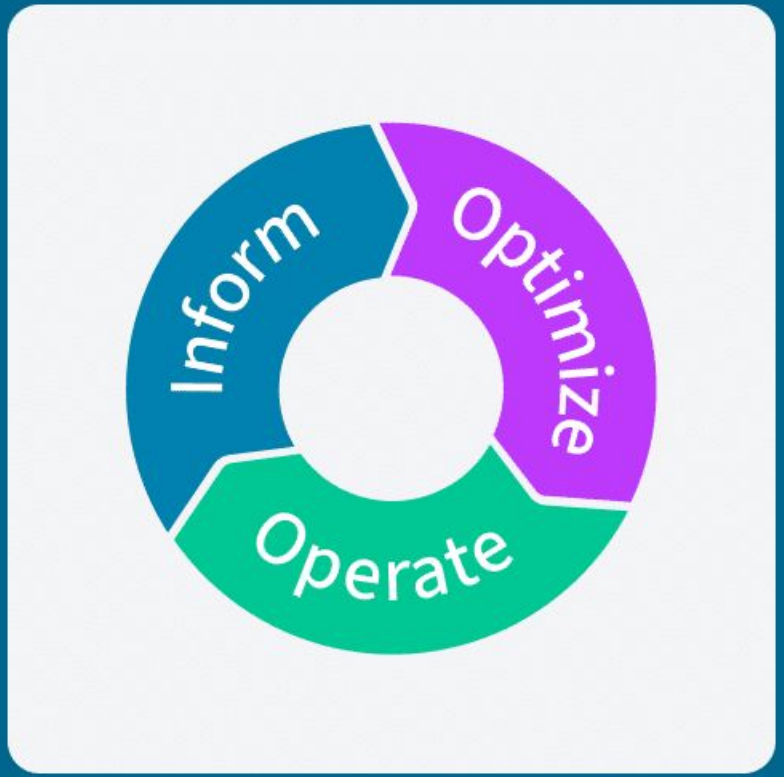


https://www.business2community.com/cloud-computing/wasted-cloud-spend-to-exceed-17-6-billion-in-2020-fueled-by-cloud-computing-growth-02292542

FinOps Framework

Phases

FinOps Foundation



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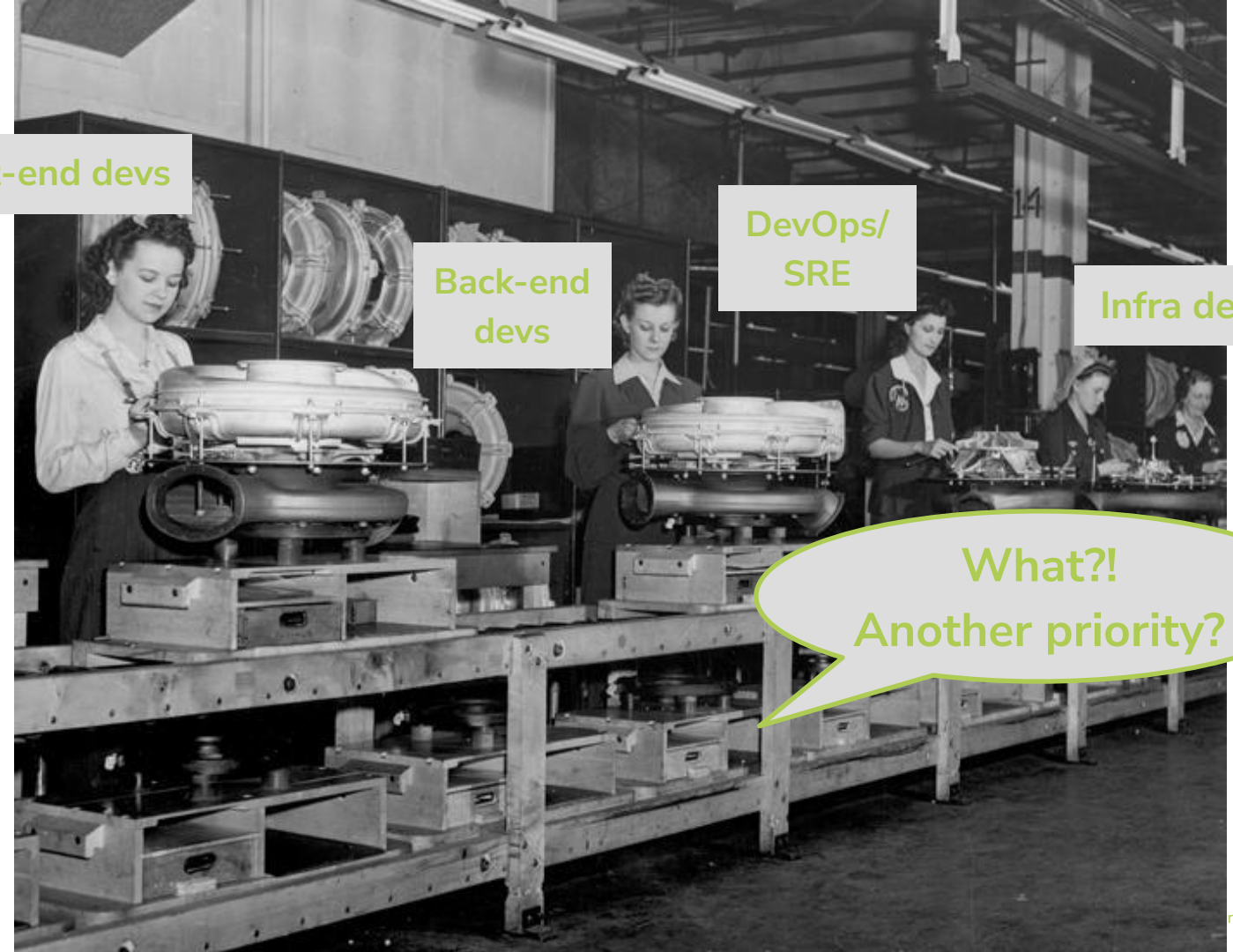
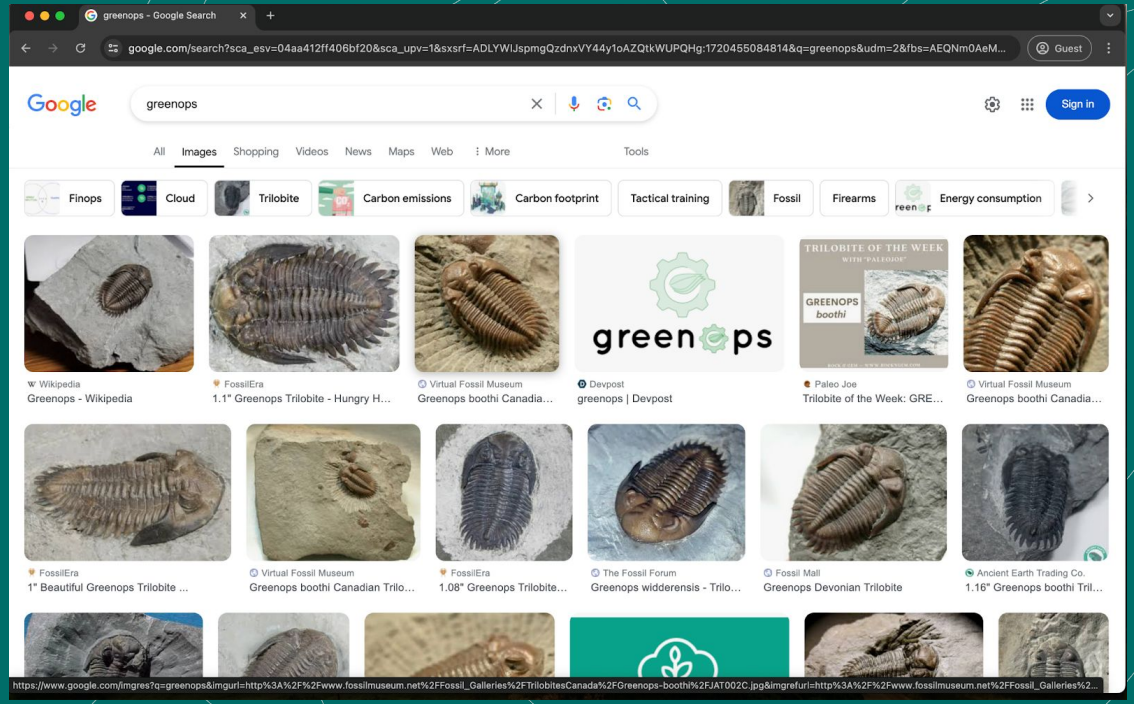

Front-end devs
Back-end devs
DevOps/ SRE
Infra devs
What?! Another priority?

Front-end devs
Back-end devs
DevOps/ SRE
Infra devs

How can busy engineering teams make sustainability a priority?

Green Software Foundation

What is GreenOps?



Green
Software
Foundation

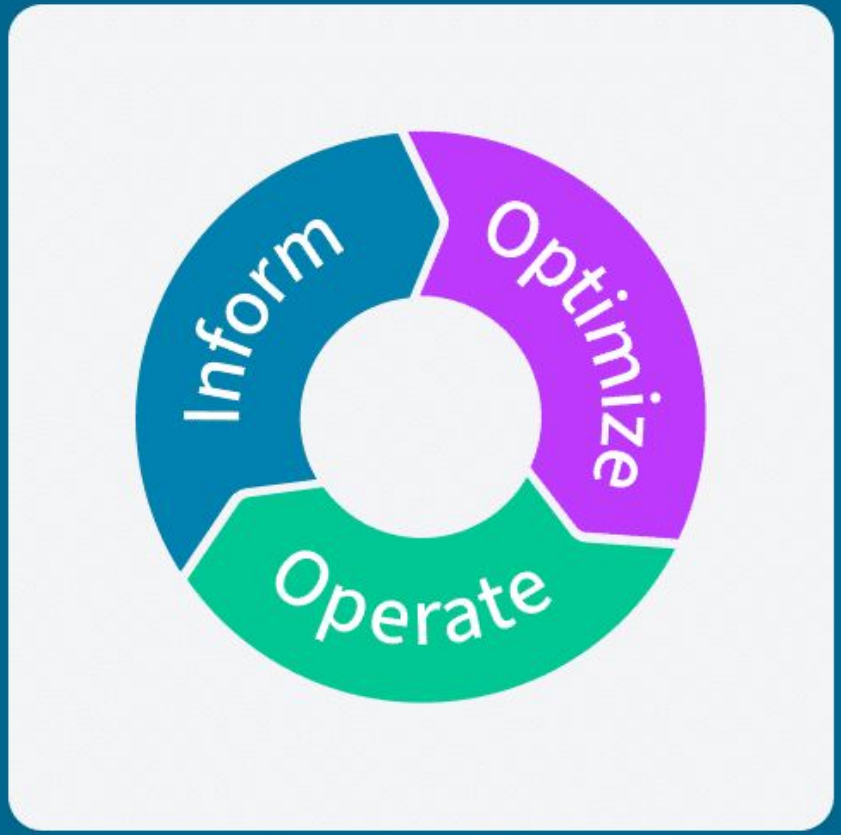
GreenOps = Green DevOps

“FinOps and GreenOps are like sisters from another mother.”-

Sarah Hsu

GreenOps Borrowed Practices

- Measure and monitor resource consumption
- Auto-scale and dynamically manage resources
- Utilise microservices or serverless architectures



https://www.finops.org/framework/phases/

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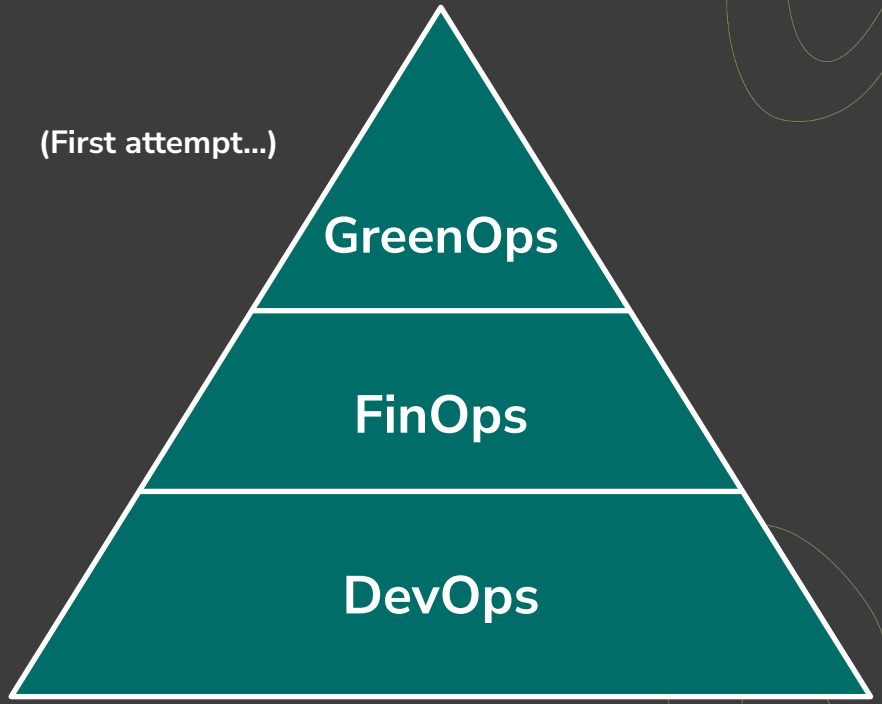
(First attempt...)



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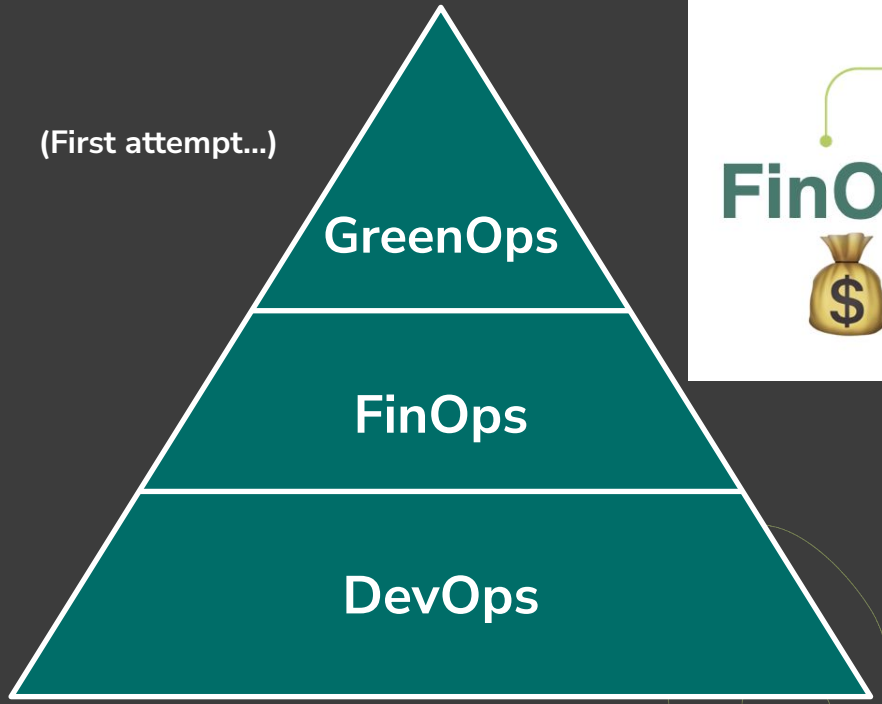
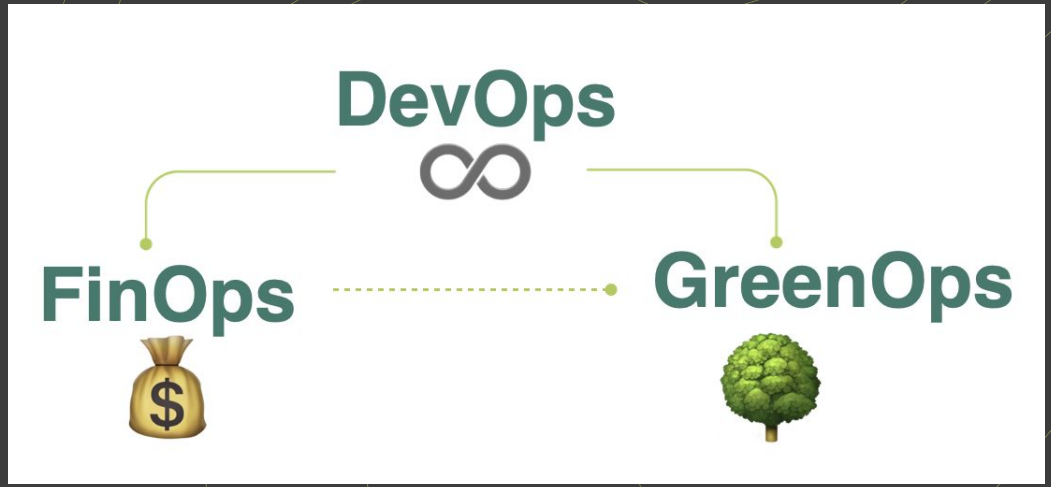




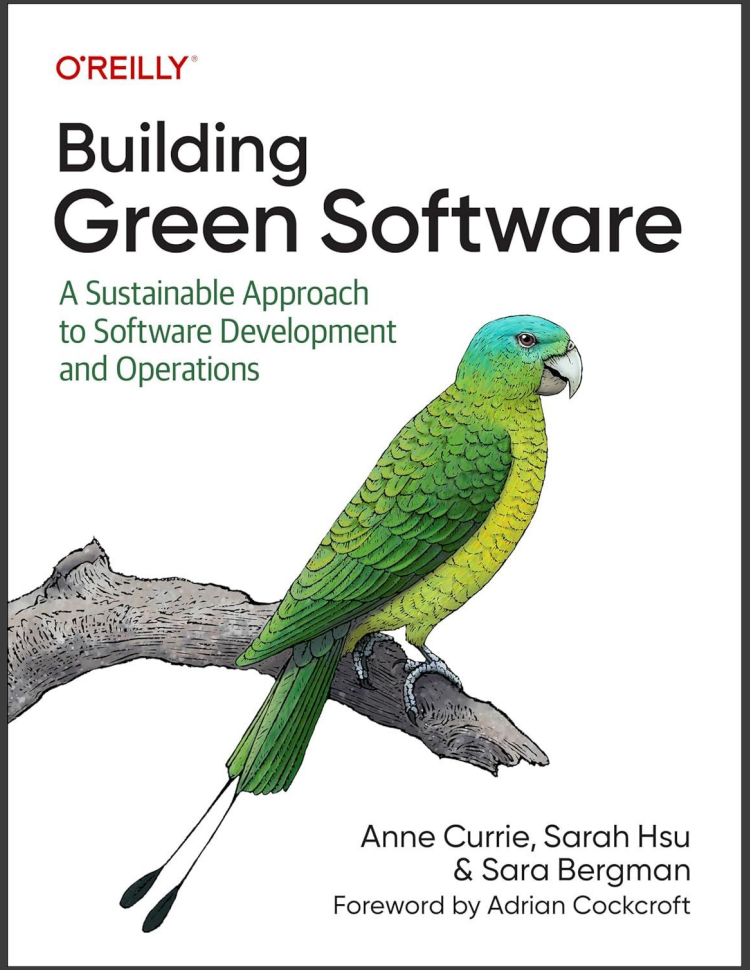
(Second attempt...)

So What's Next?

Join US @Green Software Foundation

So What's Next?

Join US @Green Software Foundation
AND
Read "Building Green Software"



Book Club

https://www.oreilly.com/library/view/building-green-software/9781098150617/

“Sustainability as a *motivator* and *differentiator* for *Software Engineering Problems”*

Thank you!