

FinOps & Agile Alchemy: Turning 30% AWS Cloud Spend Reduction into Reality

Vodafone

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Our FinOps goal

*In the **biggest transformation** program **within Vodafone**, we want to reduce the AWS Cloud cost and keep it under control moving forward.*



Adventure Quests



DevOps teams are often **under pressure to deliver new functionalities**, Cloud cost optimization need to fit into the plan.

How we are addressing it



- 1) **Management mandate** for Cloud cost control.
- 2) **Reserve** in each Program Increment **capacity** for the DevOps teams to **reduce and control** their **Cloud cost**.




Adventure Quests



FinOps culture to improve. DevOps teams need still guidance, tracking, reminders to identify and implement Cloud cost optimization actions.

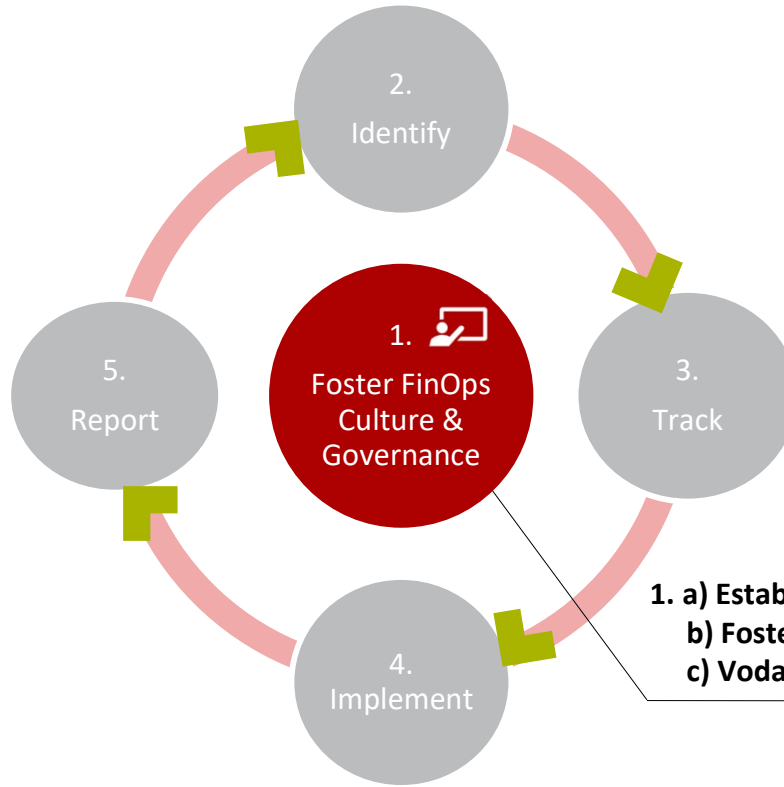
How we are addressing it



- 1) **Educate** DevOps teams about the **importance of Cloud cost control.**
- 2) Promote **shared responsibilities.**
- 3) Establish **Vodafone FinOps Community.** 



Approach



- 1. a) Establish basic governance.
- b) Foster Cloud cost control *#Everybody_is_FinOps*
- c) Vodafone FinOps Community.

Friday's Info-Call



Weekly sessions

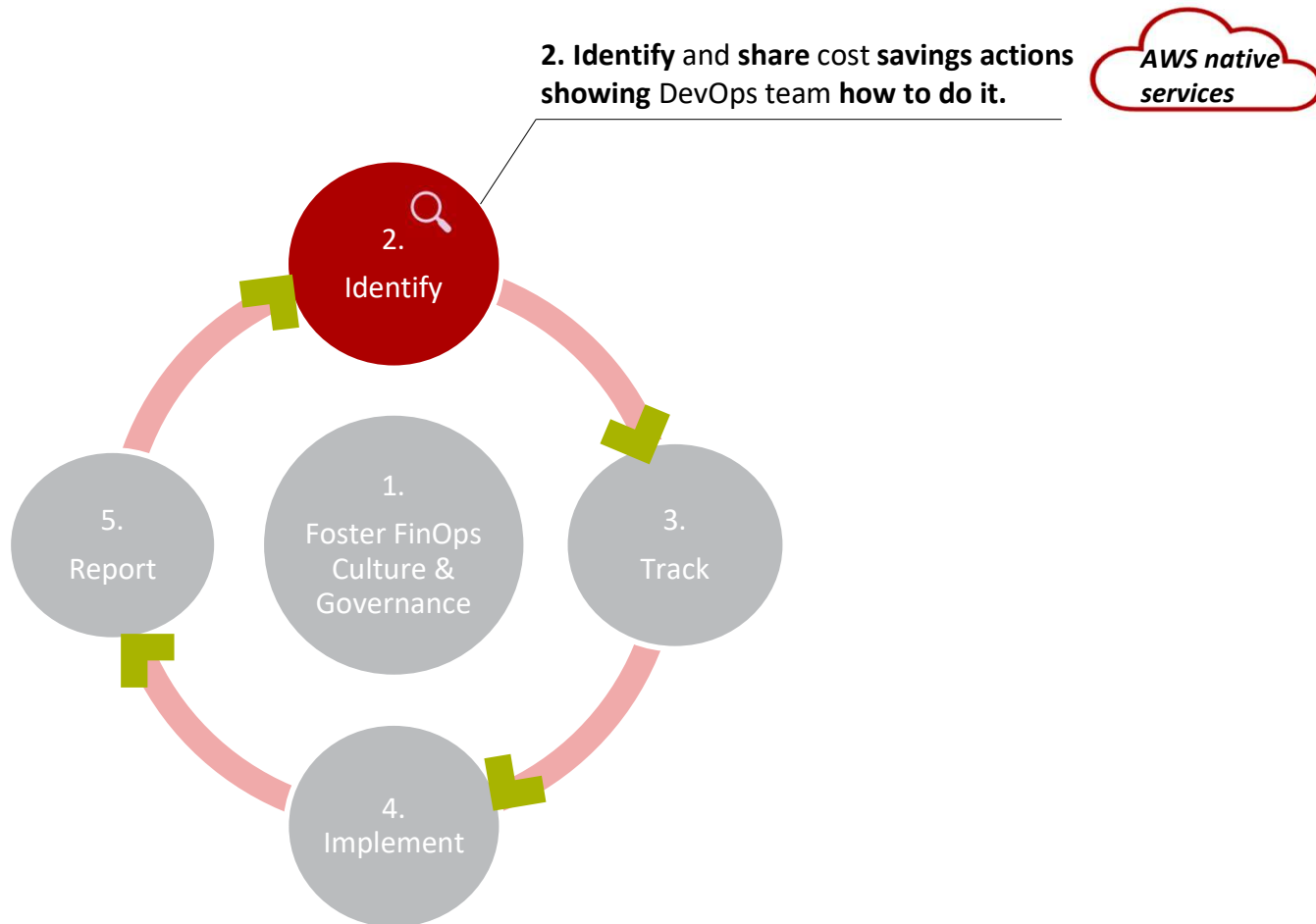
Help to reduce cost



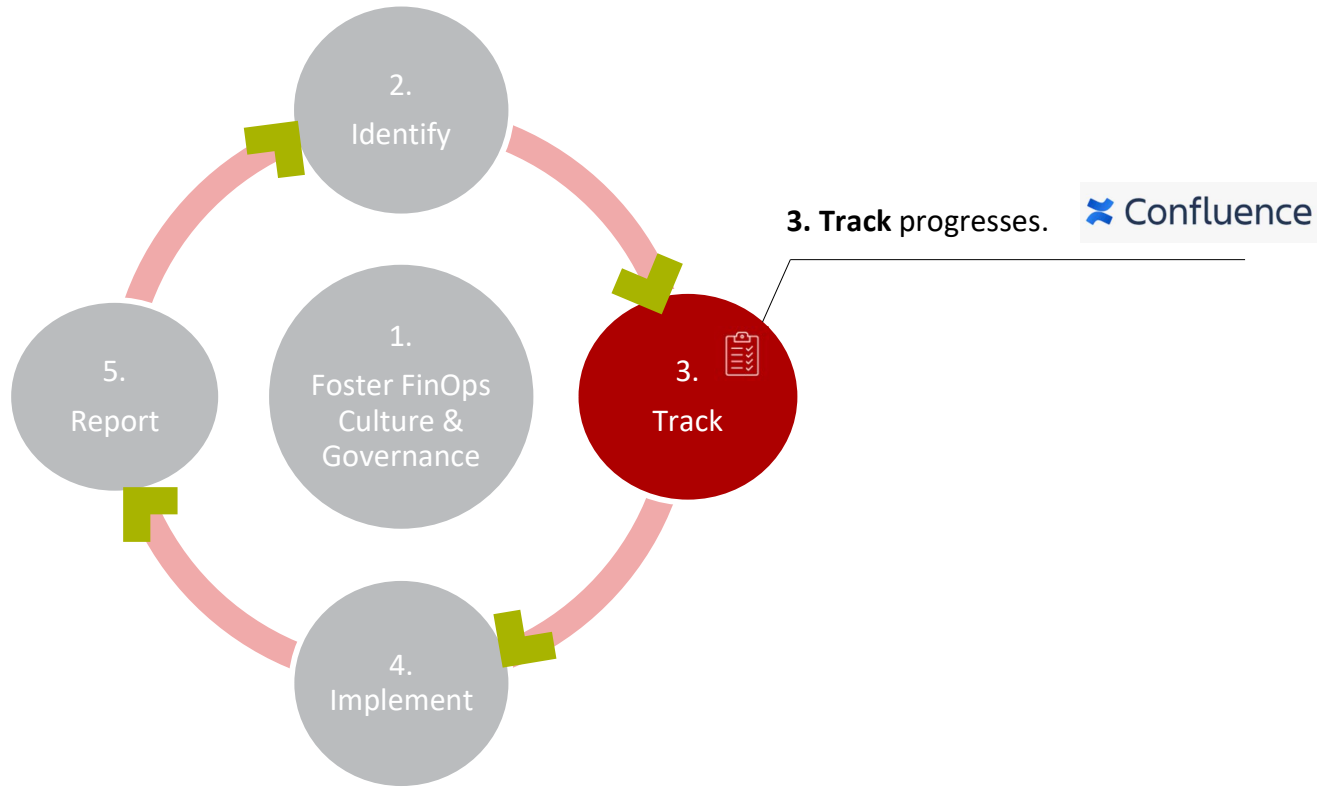
[Link](#) - Saving areas - e.g. Cloud
[Link](#) - More ideas



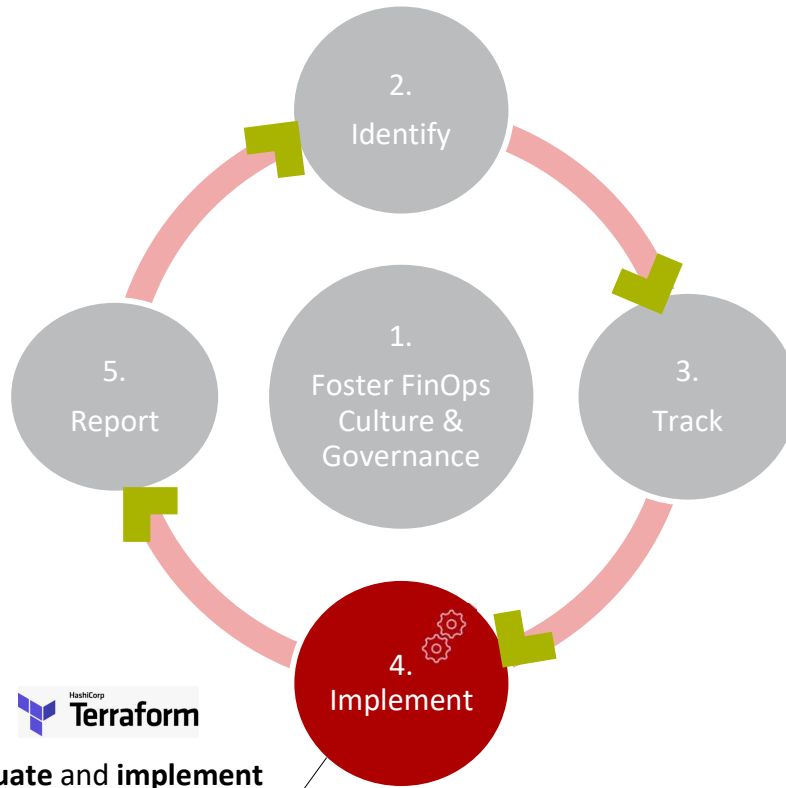
Approach



Approach



Approach



4. Evaluate and implement cost savings actions.

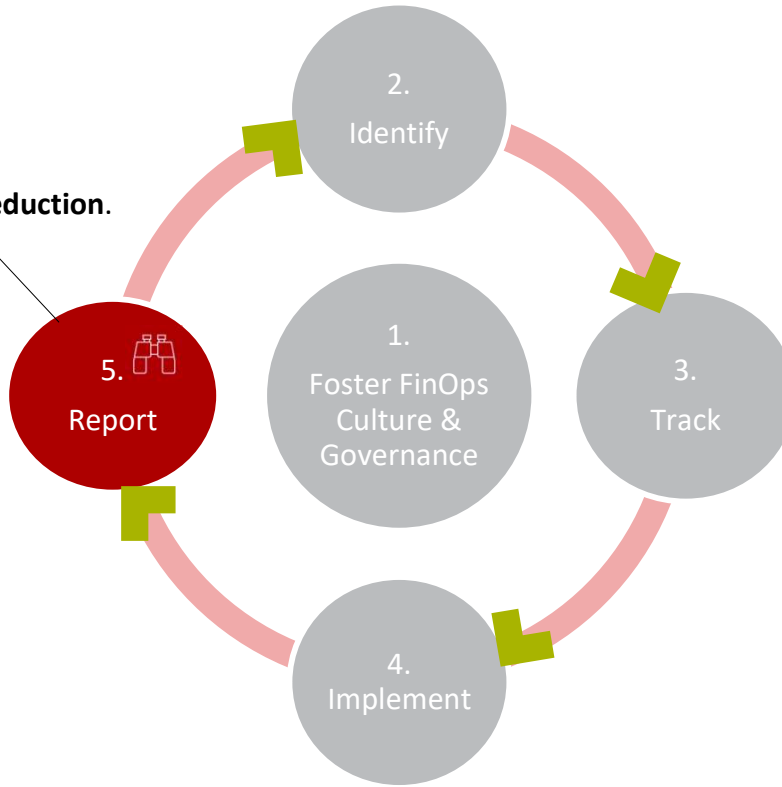


Approach

 Confluence

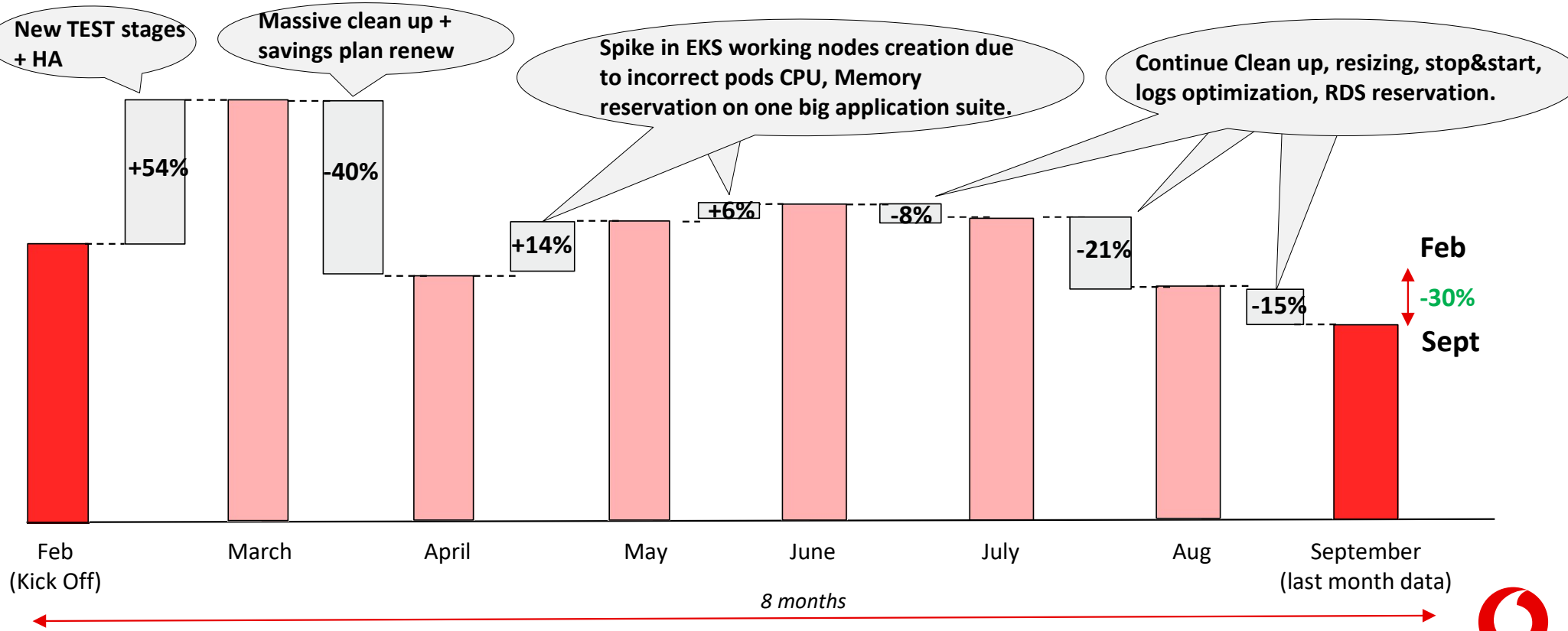
 AWS Cost Explorer ☆
Visualize and Explore Your AWS Costs and Usage

5. Report achieved spend reduction.



Achieved Cloud spend reduction




Achieved 30% AWS Cloud spend reduction, despite planned Cloud growth (built new environments, High Availability setup).



Main optimization measures



Clean up

-  Know your infrastructure
-  Delete not needed resources
-  Turn off if something is temporarily not needed



Main optimization measures



Right size

 Monitor resources utilization



 Convince applications vendors



Main optimization measures



Watch your logs




-  Avoid unnecessary verbose logging
-  Send to AWS Cloud Watch only required logs



Lessons learned



What we could have done better

-  Do an AWS FinHack earlier
-  Promote awareness about Cloud cost control from the beginning
-  Implement “applications for the Cloud” (e.g., no lift and shift, but according to the AWS Well-Architected framework)



Next steps



Update budget alerts in all accounts



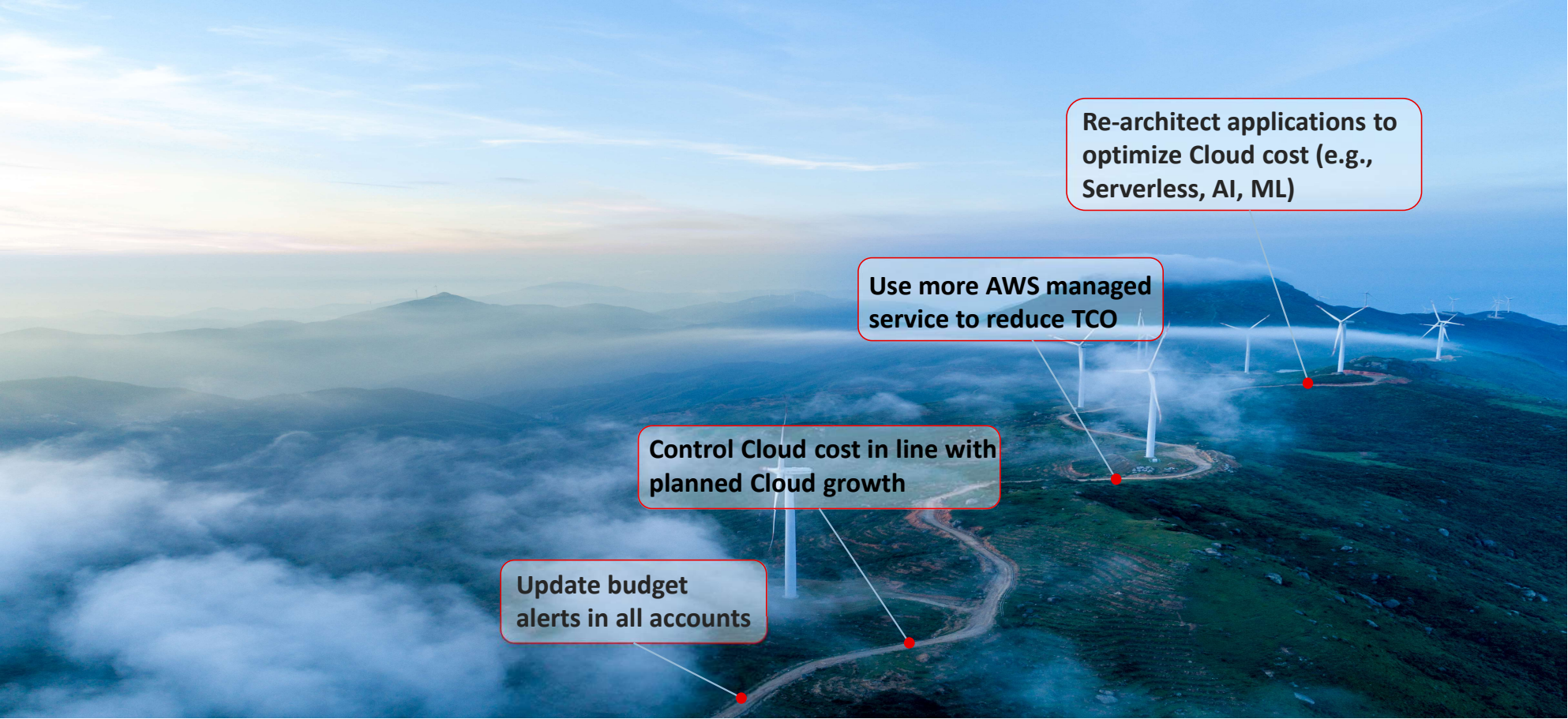
Next steps



Next steps



Next steps



QA





Together we can