



**Fred Schenkelberg**

# Being a Great Reliability Engineer





Reliability





Good





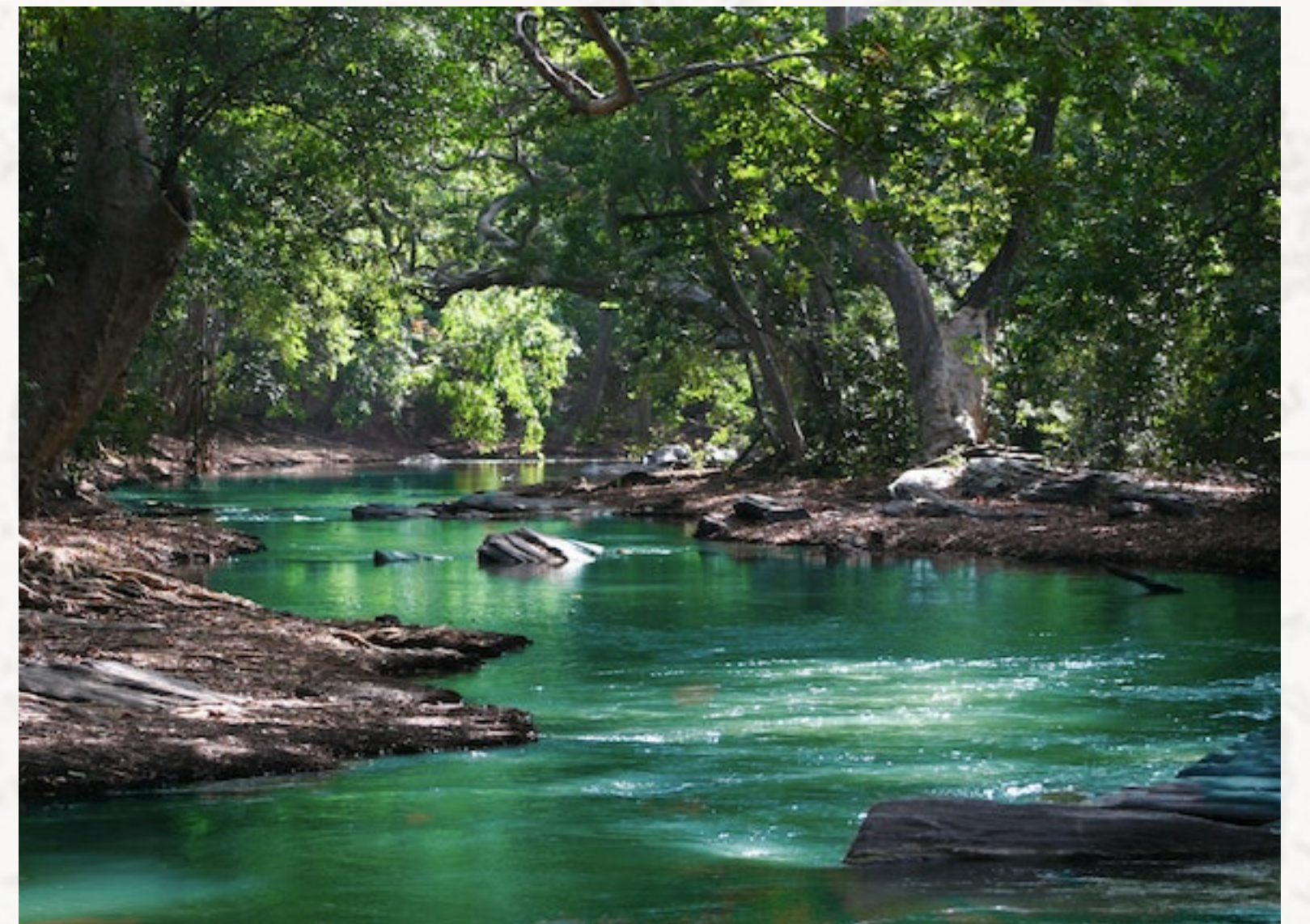
Great



What separates  
good from great?



# Getting Started





# Applying Education

## Getting Started

Education vs learning

Awareness vs application

Check the assumptions





# Problem Solver

## Getting Started

Engineers solve problems

Identifying issues  
is only the first step

Scientific method vs root cause  
analysis or PDCA methods





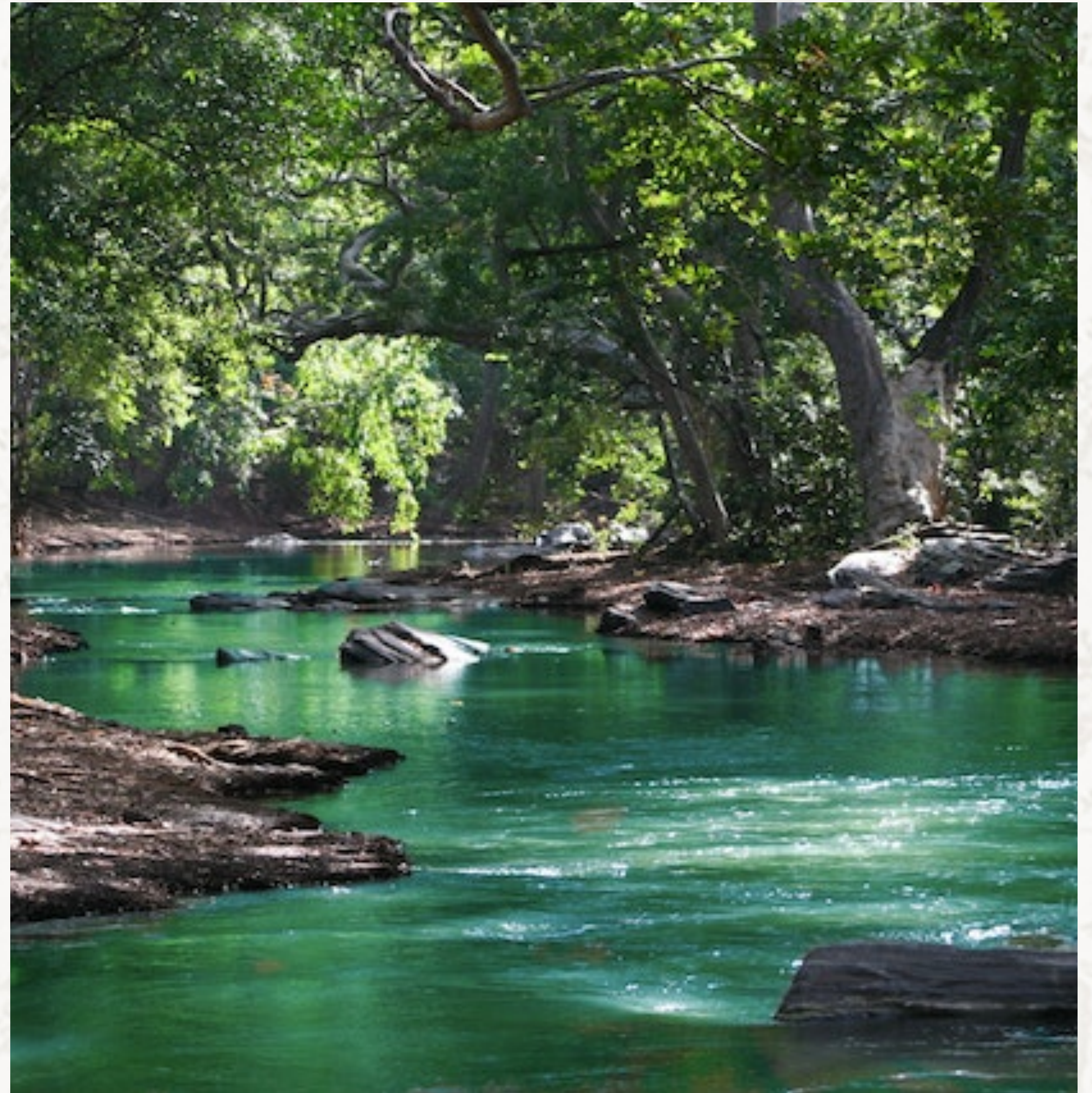
# Adding Value

## Getting Started

Do well – and maybe get noticed

Do well – enjoy what you do

Do well – add (quantified) value





Being told what to do

vs deciding what to do



# Being Competent



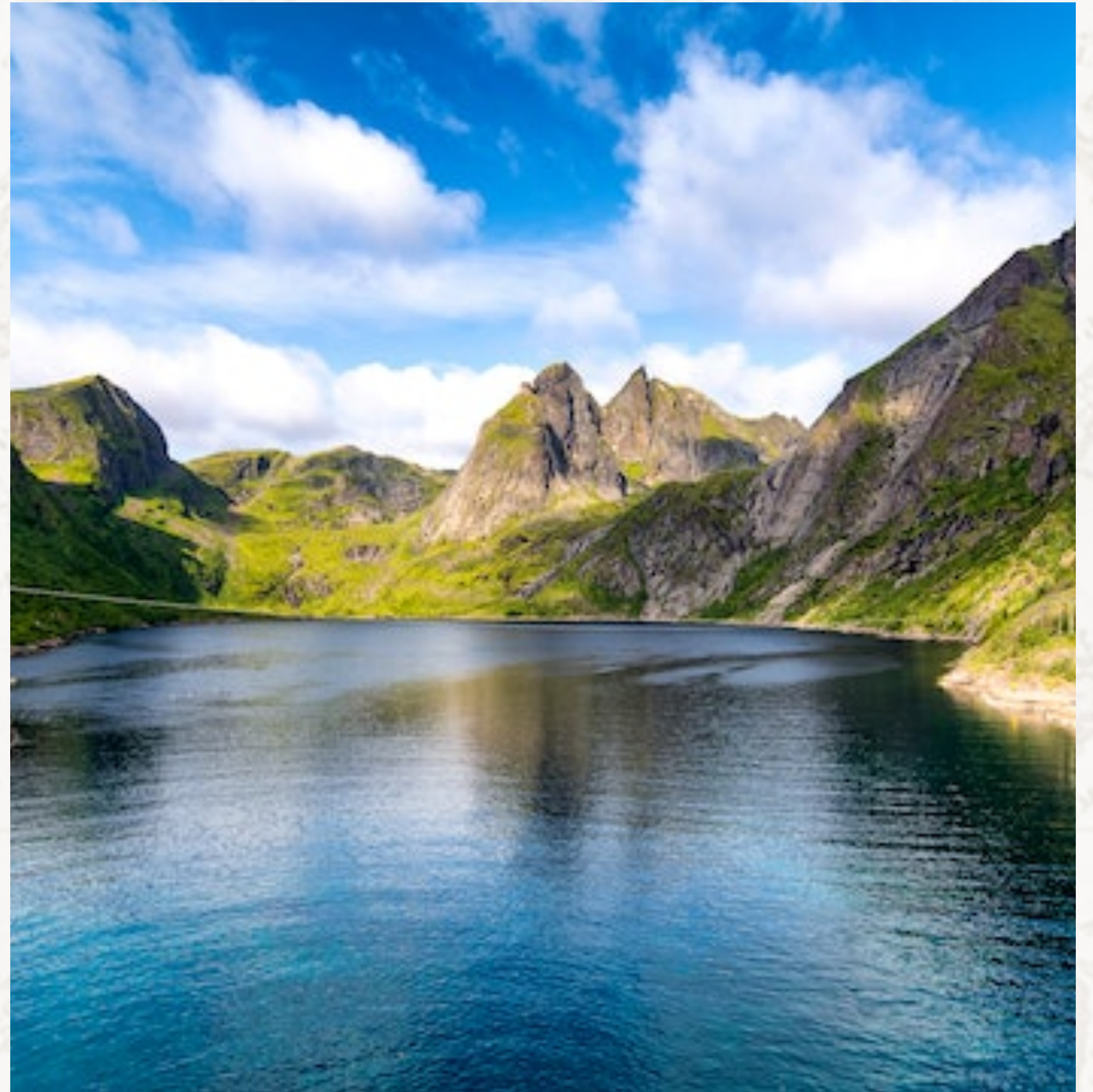


# When and Why Being Competent

Once familiar with a methods,  
selecting the right one is key.

Explaining why one method is better  
is key to being able to execute

Having options is great,  
fitting the method to situation  
is better





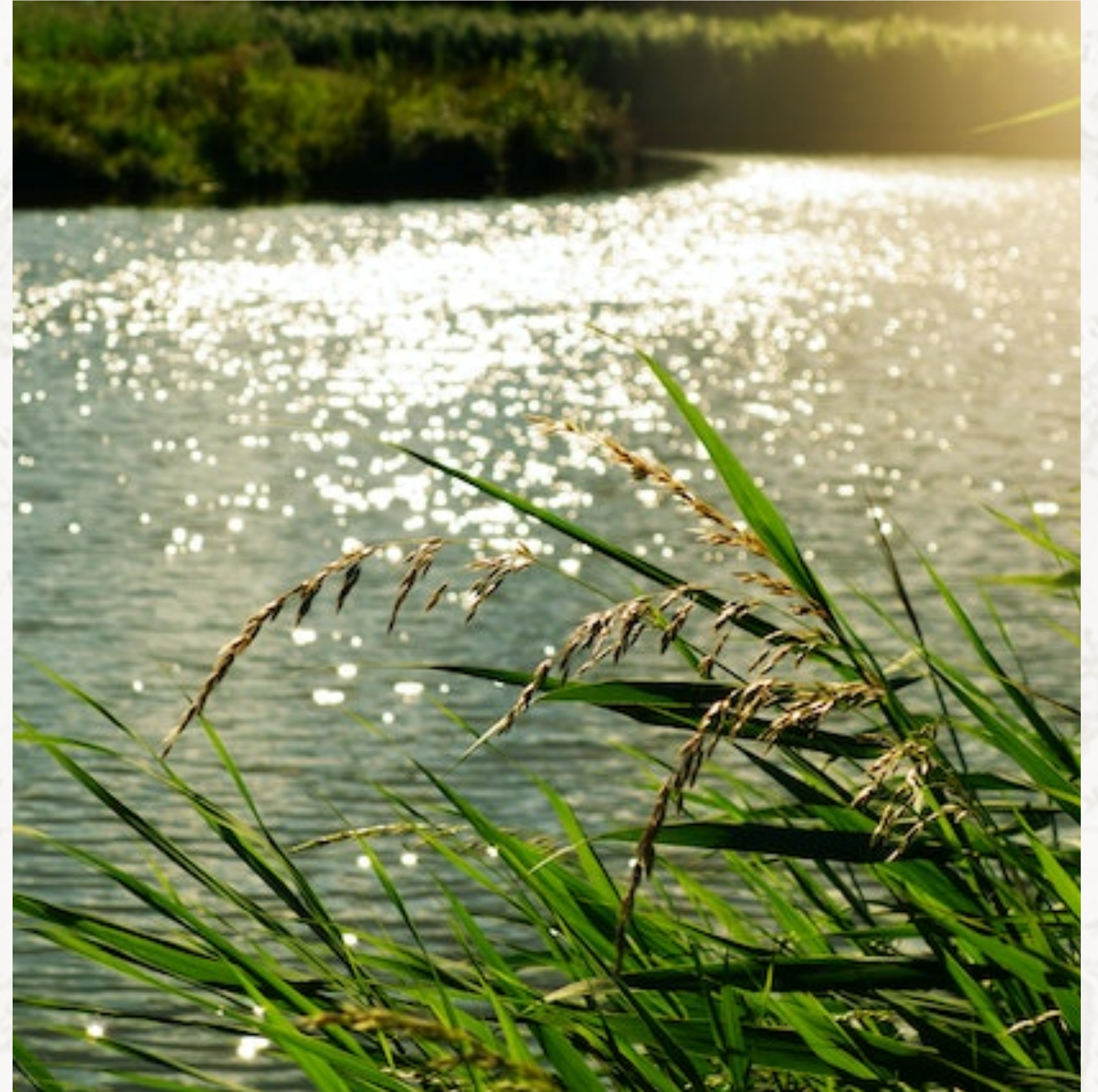
# Depth(s) of Expertise

## Being Competent

World's best something vs  
local expert at something

How do you choose what to be  
really good at?

One, many, or none?





# Team level Value

## Being Competent

Success occurs because the team is successful

Alone a person can travel quickly,  
with a team you can travel far.



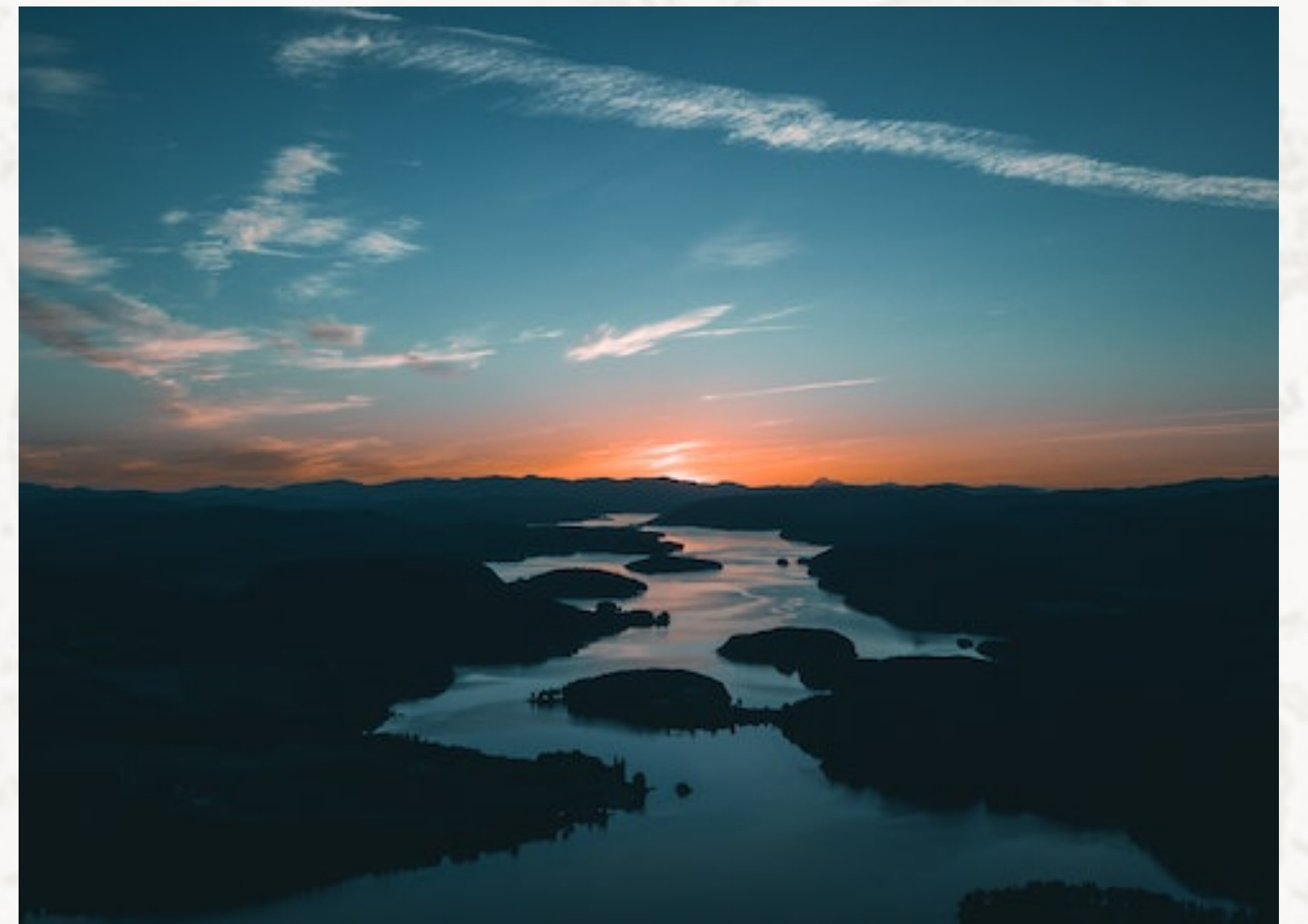


Does being a leader

or manager matter?



# Being Great





# Adds Value at Org Level

## Being Great

The problems solved make a difference on financial results

Is it possible or feasible to cut a product's failure rate in half more than 8 times?





# Helps other excel

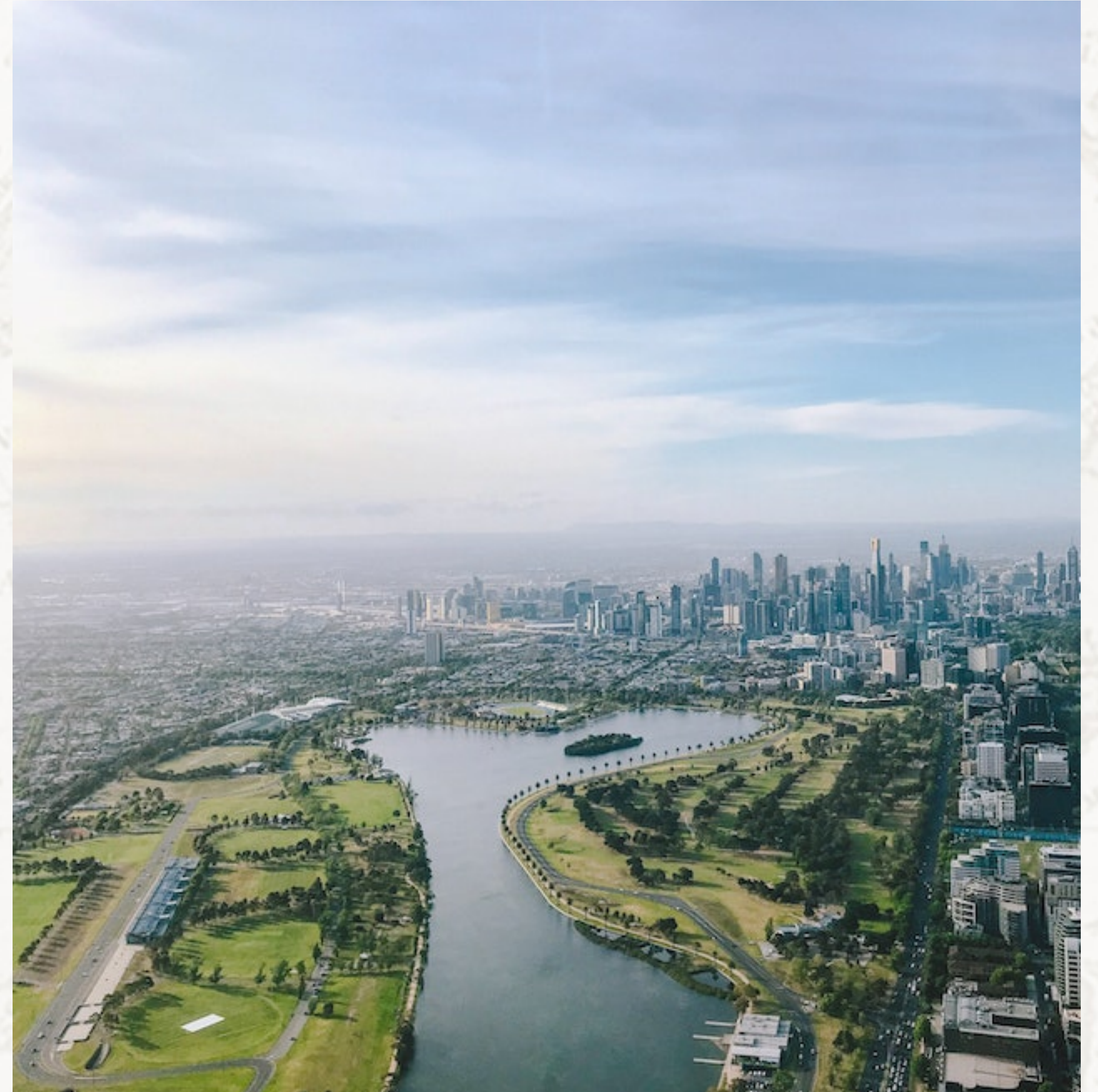
Being Great

Encouragement

Coaching

Mentoring

shifting credit – building confidence





# Shares Knowledge

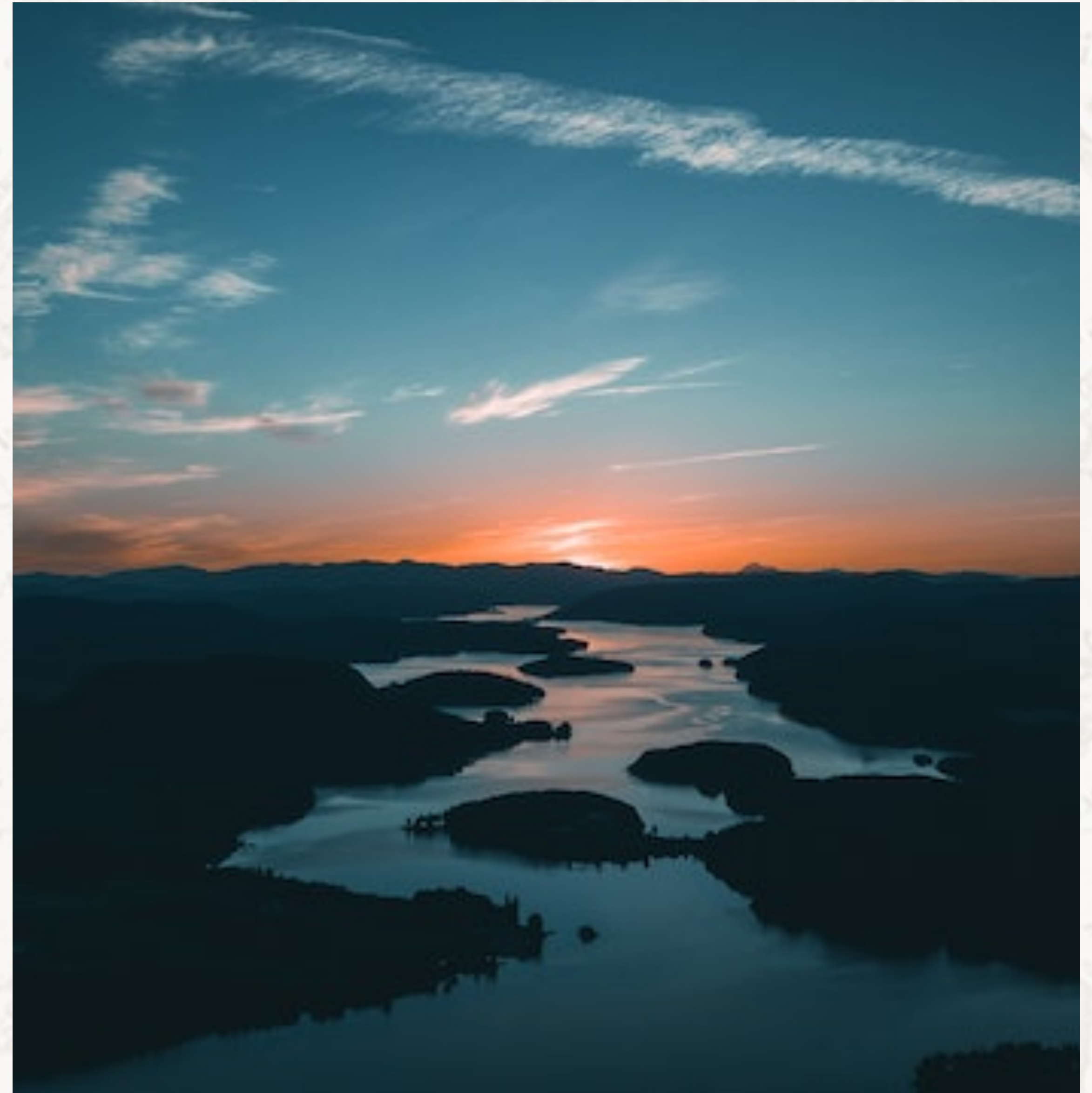
Being Great

Teach

Write

Present

Speed up the 'getting started' to  
'being competent' timeline





**Can one person**

**shape a culture?**



It takes time, yet there  
is no timeline.



# Thanks

**see more at [AccendoReliability.com](https://AccendoReliability.com)**