

## 2019 Oil & Gas Project Management Conference

P & J Live Aberdeen Thursday 7<sup>th</sup> November 2019



Creativity Evolution Collaboration Trust Xtinction Challenge Digital Fast Failure Revolution Vision

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## Types of Change



Unplanned Planned

# Adapt or Move Over

Survival of the Fittest?



It is **not** the strongest of the species that survives, nor the most intelligent...

but the one most responsive and adaptable to change

Is the Offshore Industry adaptable?







# "Stories are vital for Leaders!"



HARVARD BUSINESS SCHOOL





"A story expresses how and why life changes and how it can be"

# "Visioning"



HARVARD BUSINESS SCHOOL





# "Perception is nearer the truth than reality."







Valentina Tereshkova





Alexey Leonov









## Apollo11



# but what next?





"For the first time ever it became apparent that <u>cost</u> would need the same considerations as the usual design parameters of weight safety and performance."

> Sam Beddingford NASA Development Engineer



## Challenger SRM 25









## January 28<sup>th</sup> 1986

## Columbia SRM 107







## February 1<sup>st</sup> 2003





### "We didn't believe that pictures would be useful to us.... we felt there was nothing that we could have done anyway so, we decided not even to take them"



Ron Dittemore Columbia Programme Manager



#### CAIB

#### Columbia Accident Investigation Board

## "A rescue mission was challenging but entirely feasible"





Gene Kranz Vision



NASA has become just another federal bureaucracy beset by competing agendas and unable to establish discipline within its structure. Although NASA has an amazing array of technology and the most talented workforce in history, it lacks top-level vision.

After the Challenger and Colombia accidents NASA began its retreat from the inherent risks of space exploration and during the last decade its retreat has turned into a rout. "We want to open up space for humanity, and in order to do that, space must be **affordable**."

## Next Generation Paradigm Shift...

SPACEX

TESLA

**SolarCity** 

Standardisation Low Cost Reusability Supply Chain Ambitious Disruptive Visionary



### "Failure is an option here. If things are not failing, you are not innovating enough." Elon Musk









SpaceX founded First Flight First Commercial Flight First Commercial Satellite First Reusable Flight First Flight to ISS

Creativity & problem solving is easy...

just get intelligent people together...

# and let them have **fun!**





### Meanwhile others were claiming **their** space....





# amazor BLTE ORIGIN



## The intuitive mind is a sacred gift and the rational mind a faithful servant.

We seem to have created a society that honours the servant and has forgotten the gift



SpaceX's Starlink division is on track to offer satellite-broadband service in the United States in mid-2020,



SpaceX launched 60 satellites in May 2019 to test the system.

The company has already has FCC permission to deploy up to 11,943 satellites and is seeking permission to launch..

## 30,000 more.





Dec 1968

July 2019



## "The trouble is, if you don't risk anything, you risk even more."

Eríca Jong Wríter



Trust your intuition Empower your people Adapt and thrive

**Tell Stories** 

Have fun!!

Thank you!

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