



**SAMOA CONSERVATION  
SOCIETY**

**SOSAIETE FAASAO  
O SAMOA**

# **SOME LESSONS LEARNT ON SUSTAINABLE DEVELOPMENT FROM A CONSERVATION NGO PERSPECTIVE**

**PRESENTED BY JAMES ATHERTON  
SAMOA PATHWAY SIDE EVENT  
NOV 1, 2018**




$$I = P \times C \times T$$

**I = Environmental Impact**

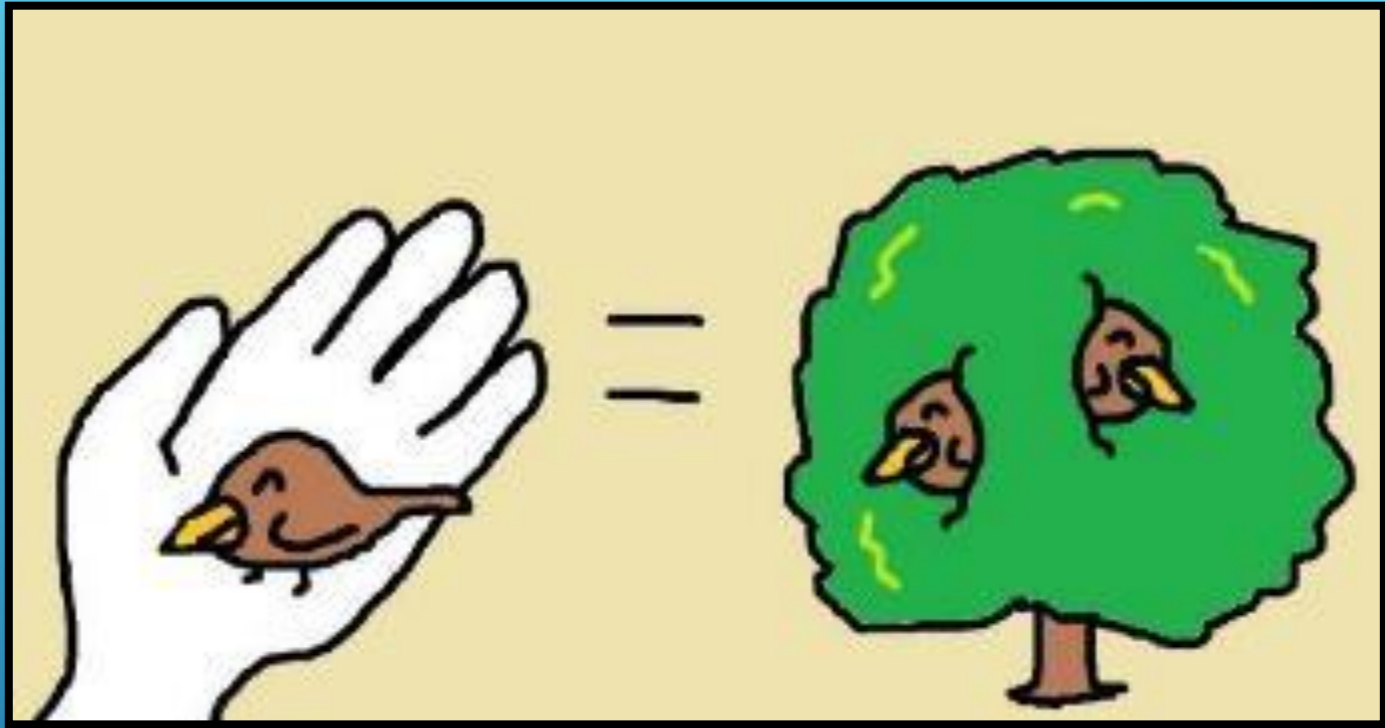
**P = Population**

**C= Consumption**

**T= Technology**

Ehrlich, P.R, Holdren, J.P. 1971. "Impact of Population Growth". Science. 171 (3977)  
Harrison, P. 1992. *The Third Revolution: Environment, Population and a Sustainable World*.

# OUR BIG DILEMMA...



- Half of all trees have been cut down on this planet by humans and every year we lose 10 billion more (nett)
- In Samoa alone at least one mammal and one butterfly have gone extinct in our lifetimes, globally the world loses perhaps 10,000-100,000 species per year (and 50% of all wild animals have been lost since 1970)...

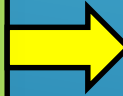


# A REVOLUTION IS UNDERWAY...

## FIRST: AGRICULTURAL



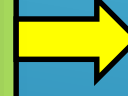
10,000 BC to 2,000 BC



## SECOND: INDUSTRIAL



1700s- 2000s



## THIRD: SUSTAINABLE WORLD?



NOW, or ELSE!

# BUT WE HAVE TO HURRY!

# AND WE ARE ALL RESPONSIBLE...



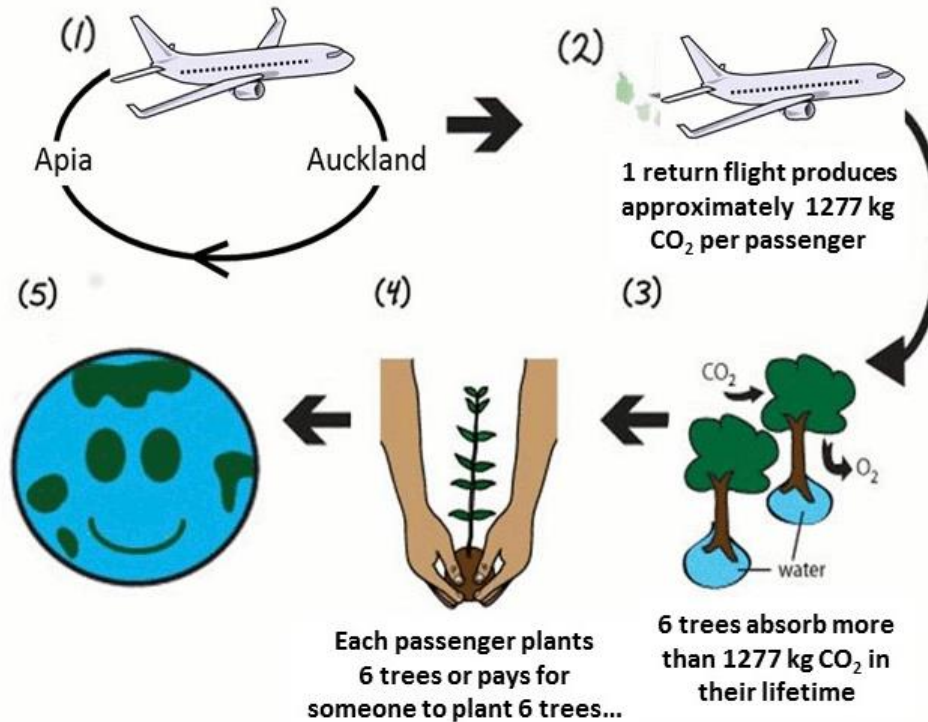


# BUT COST-EFFECTIVE PRACTICAL SOLUTIONS ARE AT HAND...





# HOW C-OFFSETS WORK...



# SGP- CLIMATE SMART PROJECT...

## Purpose:

C-offsets, Forest Restoration,  
Community Livelihoods,  
Environmental Awareness Raising

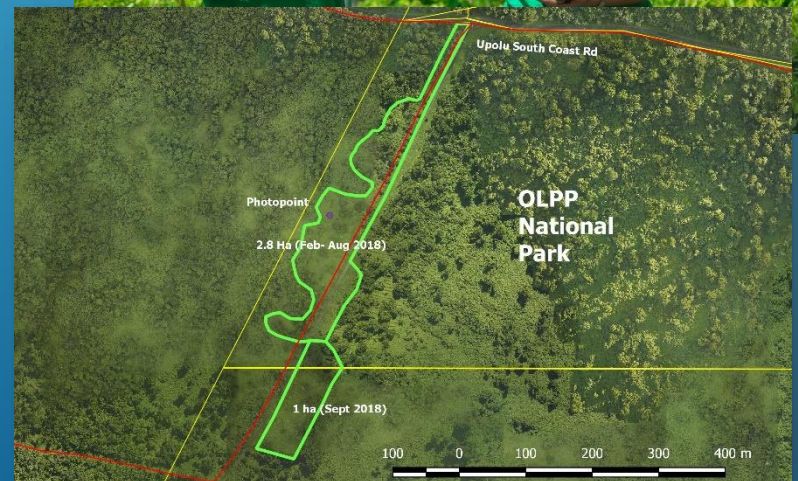
Timeframe: Jan- Dec 2018

Partners: SCS, MNRE, Village  
Communities, Poutasi Development  
Trust, Falealili Seasonal Workers (RSE)

Location: O le Pupu Pue National  
Park, other sites later

## Achievements:

- 10,000 trees planted this year (4 ha)
- 30 Environmental champions have all made pledges to reduce their environmental impact





# IN CONCLUSION...

- ❖ We are ALL responsible for saving the planet
- ❖ We need to consider our OWN behaviour (consumption and technology)- ie are we part of the problem, or are we part of the solution?
- ❖ People need to UNDERSTAND before they will change their ways
- ❖ Cost- effective TECHNOLOGIES are available to save the planet!
- ❖ ACTION Speaks Louder than Words
- ❖ Yes We Can! But we must act SOON before it is too late...



“Earth provides enough to satisfy every man's needs, but not every man's greed.”  
— Mahatma Gandhi

# FA'AFETAI LAVA

And thank you to all our partners!

