

# Analysis & Prediction

Dave Carlson

# ***Report and Meeting Overview***

- *Staff*
- *Organisation*
- *Funding*
- *Action items ...*
  - Atmospheric Dynamics Survey*
- *Next meeting*

## ***Report and Meeting Overview***

- ***Staff***
- ***Organisation***
- ***Funding*** *Thursday afternoon*
- ***Action items ...*** *JSC Friday afternoon*  
*Atmospheric Dynamics Survey*
- ***Next meeting*** *JSC Friday afternoon*

## *Joint Planning Staff 2014-2015*

*Josefa Potter (Pepi)* replaces Teresa

*Isabel Hall* promoted to G.5

*Boram Lee* joins as Senior Science Officer

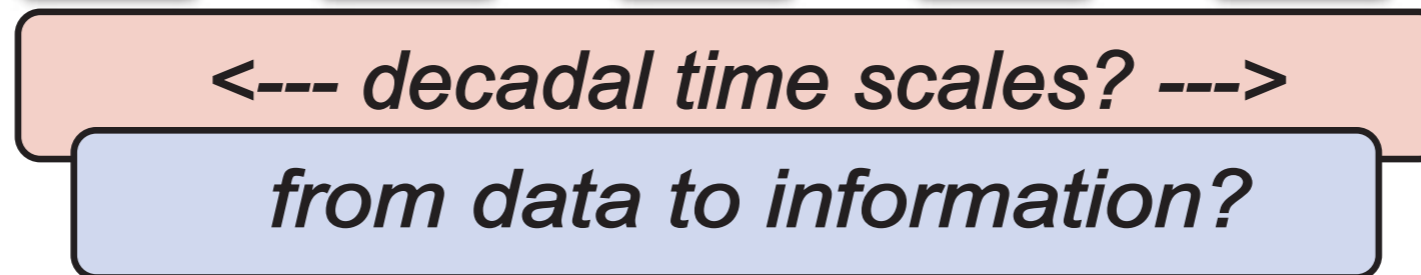
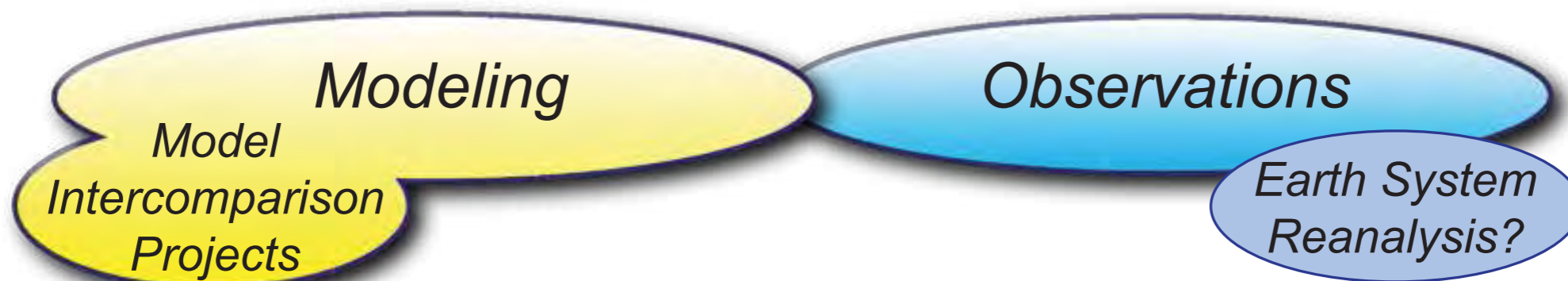
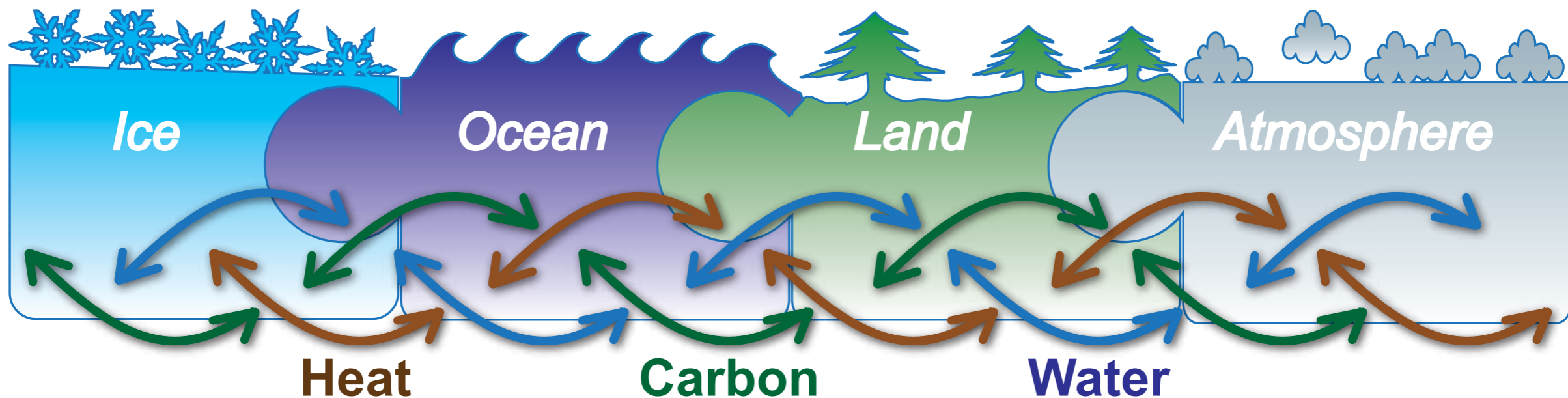
*Vlad Ryabinin* moved to IOC

*Gaby Langendijk* joins as intern

*Mike Sparrow* will join as Senior Science Officer

*Matthias Tuma* will join as Junior Professional Officer



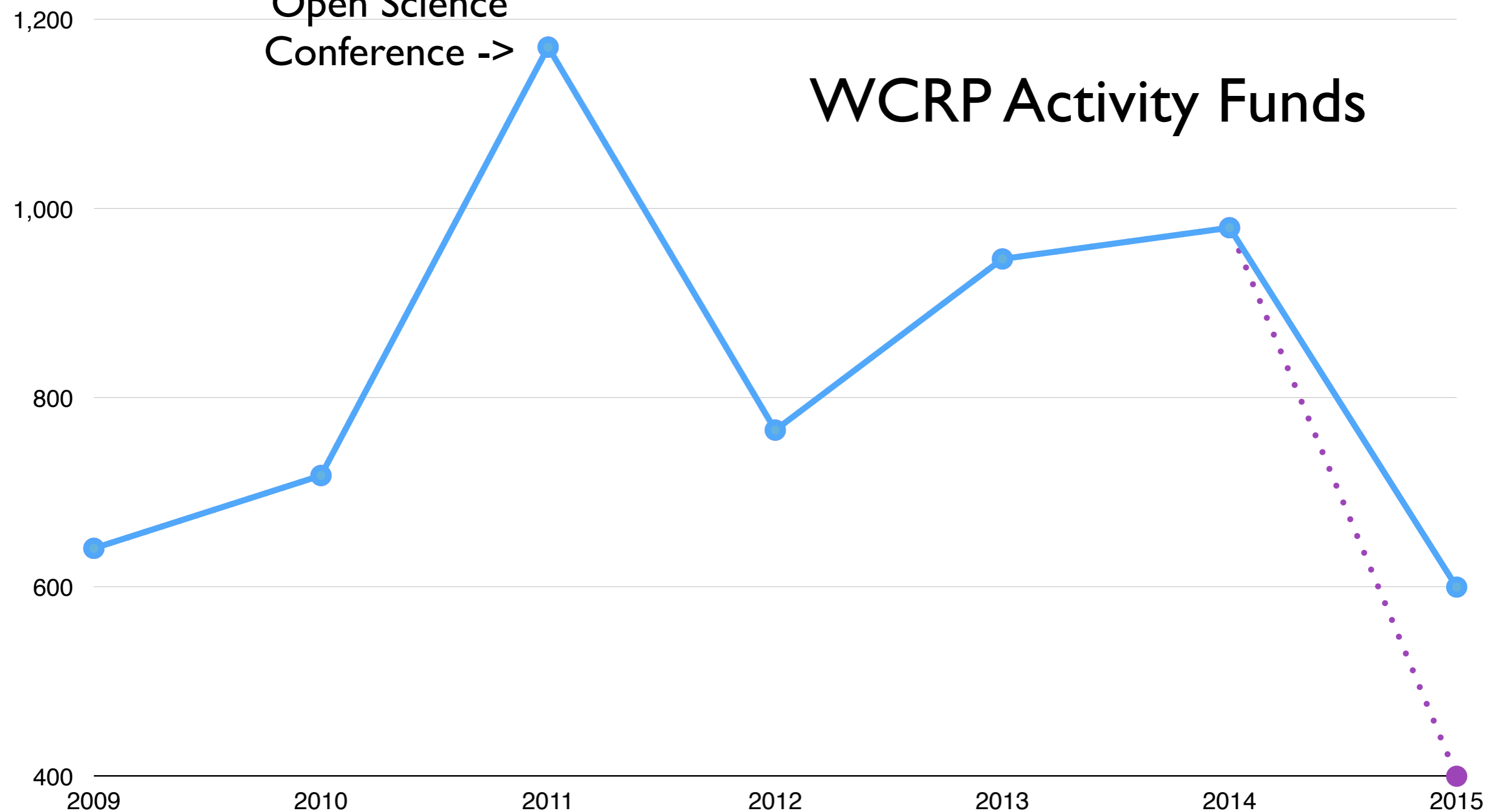


## WCRP 2015 - Proposed (values in 1000 CHF)

							For total funding of:	
		2014 As Allocated			Proposed Rebalance		600	400
	Grand Challenges	134	14%		20%		120	80
			Subtotal	14%	Subtotal	20%		
	Modeling & Observations	162	17%		15%		90	60
	Regional Climate	101	11%		10%		60	40
			Subtotal	27%	Subtotal	25%		
	CIIC	120	13%		10%		60	40
	CLIVAR	140	15%		10%		60	40
	GEWEX	170	18%		10%		60	40
	SPARC	131	14%		10%		60	40
	(CORDEX IPO included under Regional Climate)		Subtotal	59%	Subtotal	40%		
	Integrated				15%		90	60
	(includes JPS, JSC)				Subtotal	15%		
		<b>958</b>	<b>100%</b>		<b>100%</b>		<b>600</b>	<b>400</b>
							2014.12.14	

Open Science  
Conference ->

## WCRP Activity Funds



# Atmospheric Dynamics Survey

1.

After a test phase, core projects leaders were asked to complete the survey.

CLiC  
CLIVAR  
GEWEX  
SPARC



## WCRP-wide survey on activities in atmospheric dynamics

The Joint Steering Committee (JSC) of WCRP has tasked SPARC with collecting an informational list of "WCRP activities in atmospheric dynamics". The information you provide below will become part of a web portal informing others working within the WCRP umbrella of your projects. Please submit a few details about any of your projects related to atmospheric dynamics below. In particular, providing a website link will insure the information is up to date. If no website link is available, you can provide a brief description here.

Thank you on behalf of the JSC for providing this information for your WCRP colleagues.

Title of project \*

Name of activity, panel, working group \*

Website URL

Leading WCRP group \* Please select:

Other WCRP collaborating groups Please select:

Questionnaire

## Responses:

- From all projects, 2 GCs, 2 WGs
- 21 activities/projects/initiatives
- Almost all with collaboration between WCRP groups.

2.

Then sent to GC leaders (with list of submitted activities).

Grand Challenges



3.

Then to go to WG leaders (not yet done).

Working Groups

# Atmospheric Dynamics Survey

PROJECT TITLE	LEADS	COLLABORATING GROUPS	ACTIVITY STAGE	TIME FRAME
Stratospheric Network for the Assessment of Predictability	SPARC	WGNE	Ongoing	Three years and after
SPARC Reanalysis Intercomparison Project	SPARC		Ongoing	Interim Report, Full Report by 2015
SPARC Gravity Wave Activity	SPARC	WGNE	Ongoing	since 2008
SPARC DynVar Working Group	SPARC	CLIVAR, WGCM, WGSIP	Ongoing	open
Water vapor Assessment	SPARC	GEWEX	Ongoing	Nearly complete, done in 2015
SPARC Data Assimilation	SPARC	WGNE	Ongoing	Started in 2002
IGAC/SPARC Chemistry-Climate Model Initiative (CCMI)	SPARC	IGBP IGAC	Ongoing	Currently unlimited / 2018
Stratospheric Sulfur and its Role in Climate (SSiRC)	SPARC		Ongoing	ongoing since 2013
Arctic Linkages workshops	CLiC		Ongoing	weeks to interannual
Polar CORDEX	CLiC	WGRC	Ongoing	since 2013
CLIVAR Climate Dynamics Panel	CLIVAR	Clouds Circulation and Climate Sensitivity, SPARC	Developing	5 years
SOOS Air-Sea Fluxes Task Team and workshop	CLIVAR	ESRIN will host the workshop. SOLAS may also sponsor.	Ongoing	Workshop will be held fall 2015
GLACE-CMIP (GLASS/GEWEX)	GEWEX	ILEAPS/IGBP	Ongoing	2010-2015
A Global Model Evaluation Project on Vertical Structure and Diabatic Processes of the Madden-Julian Oscillation	GEWEX	WGNE	Developing	3 years
GASS- Weak Temperature Gradient Intercomparison Project	GEWEX	WGNE	Ongoing	Started Dec 2013
Polar Climate Predictability Initiative	Changes in Cryosphere	CLiC, SPARC, WWRP Polar Prediction Project	Ongoing	5 years
Climate Extremes	Climate Extremes	GEWEX, CLIVAR	Ongoing	5 years
Grey Zone Project	WGNE	GEWEX, WWRP	Developing	5 years
Tropical - extratropical teleconnections	WGSIP		Developing	3 years
SNOWGLACE	WGSIP		Developing	3 years
Long Range Forecast Transient Intercomparison Project	WGSIP		Developing	3 years

## Emissions (kg CO<sub>2</sub>eq.) different conference locations

■ Partly train & fly to Geneva   ■ All fly to Geneva   ■ Nodal Conference   ■ Wellington   ■ Abu Dhabi   ■ Nairobi

