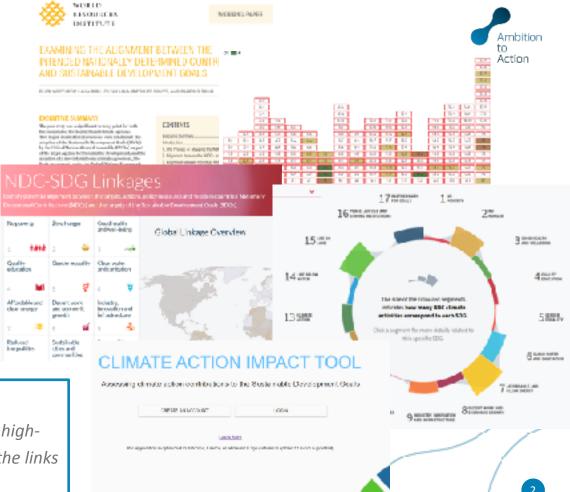


Why develop the SCANtool?

We know we are not the first to look into the links between the climate and SDG agendas...

Main difference is the approach and objective:

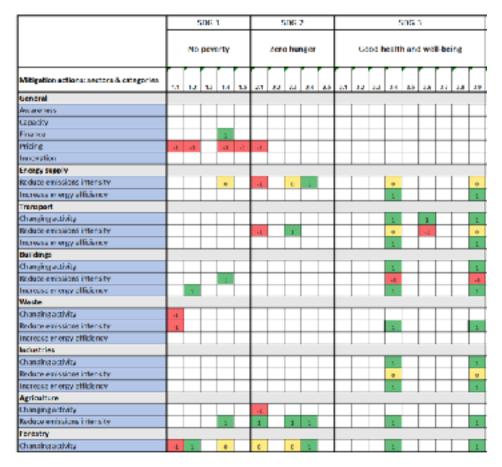
- Starting point is climate actions (not NDC text)
- Orientation is forward-looking or for planning (not mapping)
- 3. We provide information on nature of the links (synergies and trade-offs)



Objective:

"Provide policy makers and other users with highlevel but comprehensive initial guidance on the links between climate actions and the SDGs"

Structure of the tool



The SCAN-tool is based on a large existing evidence base that details linkstion between climate actions and specific development goals

7 sectors and a 'general' category of cross-sector interventions

Linkages identified between actions/ interventions and SDG targets

Sector specific mitigation actions grouped into 3 categories

Sector sheets contain details of linkages.

Overview sheet presents a summary

Classifying linkages

Forestry Changing activity



	L		SDG	1				ing:	,					- 5	DG:	1			
	No peverty				žera hunger				Good health and well-being										
Mitigation actions: sectors & categories	1.1	12	ш	1.4	1.5	2.1	22	24	24	2.5	2.7	12	12	2.4	L6	1.6	17	1.0	19
General	П					Г													
Awareness																			
Capacity						Г											Г		Г
Finance				1															
Mising	at.	-0		-3	41.	at.													
Innovation																			
Energy supply																			
Roduce emissions intensity						-1.		0	1										0
Increase energy efficiency						Г								1					1
Trensport																			
Changing activity						Г								1		3			1
Reduce emissions intensity						-d.		1								-1			0
Increase mergy efficiency														1					1
Buildings															Г		Se	all	
Changing activity														1					
Reduce emissions intensity				1										-8					
Increase energy efficiency		3												1					
Waste																1.0	lo n	over	to
Changing activity	-11																o p	0 1 4 6	9
Reduce emissions intensity	-1													1					
increase energy efficiency																			
Industries																			
Changing activity														1.					
Reduce emissions intensity														0					
Increase energy efficiency														1					
Agriculture																			
Changing activity						-1.										2. Ze	ero l	ung	МE
Reduce emissions intensity				1		1		1	1					1					

Links in the SCAN-tool are classified as:

- Positive / synergy (the mitigation action may support the achievement of the SDG target)
- Negative / trade-off (the action may undermine the achievement of the SDG target)
- Yellow cells on the overview sheet show where both positive and negative linkages are identified between one action and one target

Seal -	Targ -	Category -	Mitigation action	- 1	ink -	Description of link -	L
	1.1						ľ
1. No poverty	1.2						ı
	1.3						ı
	14	Reduce emissions intensity	Renewable energy in power generation		4.3	Fountial conflicts with land access (specially for large in Fysib)	
	14	Beduce emissions intensity	tenewable energy in power generation		1	ry rease in energy access (focus on off-grid energy)	ı
	1.5						ı
	21	Mediace emissions intensity	Renewable energy in power generation		-1	Decrease in front acress due to bordinguinements for bioduels (competition for land available for food production increases food price)	
	2.2						ı
2. Zero hunger	2.3	Beduce emissions intensity	Renewable energy in power generation			Increase energy access and refrigeration can help reduce food waste	
	2.3	Reduce emissions intensity	Renewable energy in power generation			Potential conflicts with land access (specially for large hydro)	l
	2.4	Beduce emissions intensity	Renowable energy in power generation			hicrosoc crungy access and refrigeration can help reduce food warte	
	2.5						1

Key findings - sectors

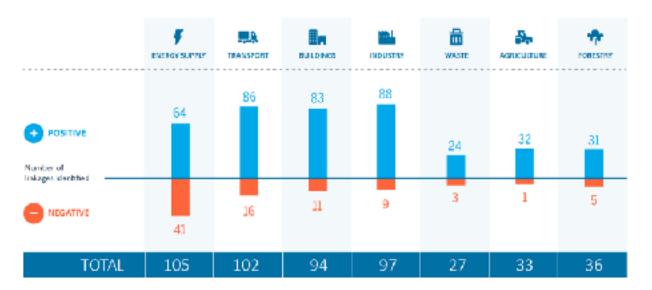


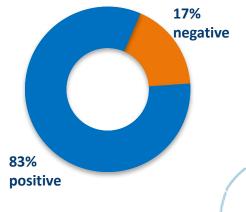
Over 500 potential linkages between mitigation actions and the SDGs, across all sectors

• Synergies outnumber trade-offs for all sectors, though some sectors show far greater

proportion of negative linkages

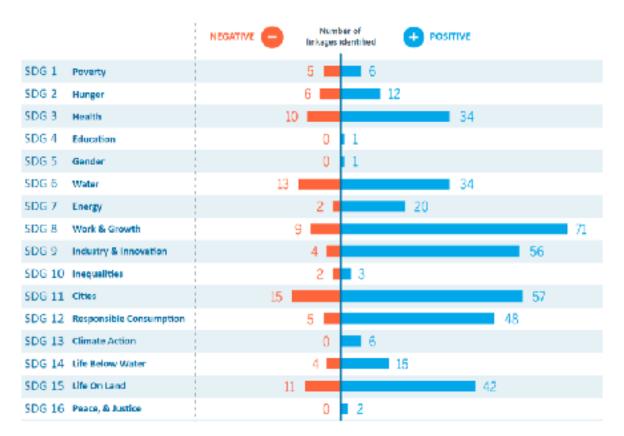
Results reflect literature available





Key findings - SDGs





- Potential linkages with all
 16 assessed SDGs
- SDGs with most linkages:8, 11, 9, 12 and 15
- Few links to SDG 13 due to the nature of SDG13 targets
- Some cross-sector SDGs with very few links

Visualisation interface

Changing activity Increase Energy afficiancy

Changing activity

Changing activity

Reduce emissions intensity

Reduce emissions intensity

Waste

Agriculture

Forestry

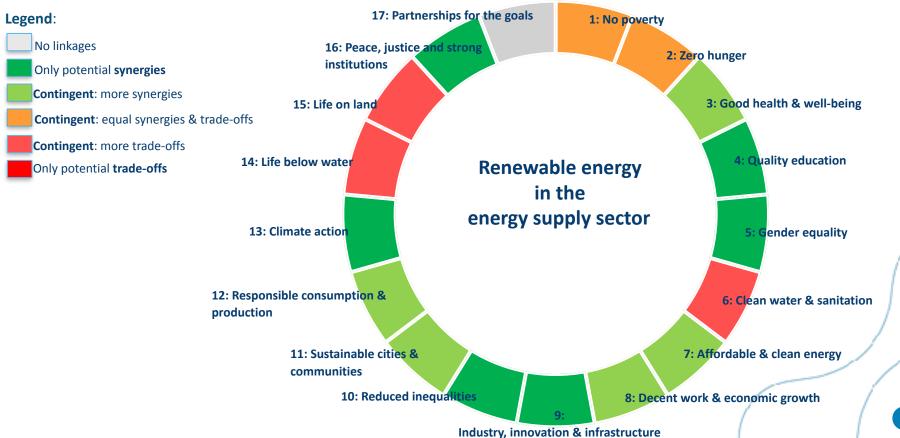


Sector	Category	Mitigation action	Sustainable Development Goals (SDGs)
	Awareness	Awareness raising programmes	
	Capacity	Institutional capacity building	
General		Training programmes	
General	Finance	Dedicated Financial products and credit	
	Innovation	Innovation/R&C programmes	
	Fricing	Carbon and energy pricing interventions	
	Increase Energy efficiency	Energy efficiency	
Energy supply	Reduce emissions intensity	Nuclear or CCS energy generation	
		Renewable energy	
	Changing activity	Modal shareshift	
-		Reducing transport demand	
Transport	Increase Energy efficiency	Energy efficiency	
	Reduce amissions intensity	Fuel pwitch to low carbon vehicles	
	Changing activity	Urban planning for energy efficiency	
Buildings	Increase Energy efficiency	Energy afficiency	
		Improved co	
	Reduce emissions intensity		e energy in the Energy supply sector for SDG 13
	Changing activity	Changing ac	clude: implementing solar, wind, hydro or geothermal technologies, implementing mini-grids on renewable
	Increase Energy efficiency	Energy effic Gool Target Target test	Unk Desorbation of link
ndustry	Reduce emissions Intensity	Fuel switch:	

Changing ac	Scille local riplies 5	86.080	the interest of the desired implementally school, white, nyurb or ge	OC SCHOOLS	earlie og ist, in plementing in in-grida on renewater	e energy, etc.		
Energy effic	500	Torper	Target test	Unk	Description of link	Interpretation		
Fuel switch:								
Non-energy			Strengthen resilience and adaptive capacity to dimate-related		Off-grid renewables strengthen resilience and	Implementing these actions may		
Reduce, Reu		13.1	hazards and natural disasters in all countries	Positive	adaptive capacity to all mane-selated hazards	contribute to achieving this specific SDC		
Energy affic						twiget		
Sustainable								
Suscalnable								
Climate sma	12. Olimate		integrate climore change measures into national policies,					
Smart cities	action	13.2	strategies and planning			No I no found		
Sescalnable								
		13.5	Improve education, awareness-raising and human and institutional expection of materdange mitigation, adaptation, inspect reduction and early wirming			1901 rks found		

Using SCAN-tool to make outputs





Conclusions



SCAN-tool

SDG Climate Action Nexus tool (SCAN-tool)

- For all of the SDGs, synergies are likely to outweigh trade-offs
- Linkages are highly context-specific; national circumstances and other factors will greatly influence the strength of the link, as well as design and implementation
- Policymakers need to undertake further research to understand which links are most relevant to their situation
- The SCAN-tool can be thought of as an initial step on such a journey
- We are currently undertaking a deep dive for the energy supply sector to provide SDG linkage information for a more specific set of mitigation options

For more information: ambitiontoaction.net/scan_tool/

THANK YOU!

James Rawlins



