### Climate and biodiversity crises

Problems	Solutions	Place based examples	Who Pays	
Question 2 - What more can we do to tackle the impacts of climate change on the water environment and what additional resources (including evidence,				
targets, tools and additional mechani	sms/measures) do we need to do this?			
Question 3 - What can we do to addre	ess this biodiversity crisis and meet the	25 Year Environment Plan targets for w	etlands, freshwater and coastal	
habitats and wildlife?				
Question 4 - Environmental targets co	an generate action and provide a strong	g signal of intent. Could additional statu	tory targets contribute to improving	
the water environment? If so, what ty	pes of targets should be considered?			
Declaration of Climate Emergency	Improved link to Local Authorities	Cornwall, Plymouth, Devon	Forging better links between the	
	Climate Emergency Action plans –		population centres and the	
			catchment would support funding	
			for delivery of ecosystem services.	
Understanding the impacts of	Local interpretation on the impacts	Role of the Catchment Partnership		
climate change at the Management	of climate change	as acting as a local co-ordination		
Catchment (Tamar Catchment) scale	(temperature/rain/seasonality)	hub.		
Evidence – central coordinated	Lack of awareness (some idea)	Role of the Catchment Partnership		
research	Past/Present/Future	as acting as a local co-ordination		
	Accessibility of records	hub.		
	What changed/pressures			
	Measurement			
Fragmentation of habitats and	Effective planning an	Role of the Catchment Partnership		
increasing numbers of invasive	implementation of Nature Recovery	as acting as a local co-ordination		
species	Networks	hub.		
Soil health	Improve structure, improve the		Build into NELMS and ecosystem	
	capture and store carbon, improve		services type approach, based on	
	water retention		soil condition.	
Dartmoor - Changes in moorland	Plan for the future of the moorland	Dartmoor may need to respond to		
	based on future needs/climate	climate change needs with more		
	using existing / historic usage as	diversity of habitat and changes to		
	context.	farming practices.		

Problems	Solutions	Place based examples	Who Pays
Fish and temperatures – can some species be preserved facing changes	Understand the impact of future changes, target those species that can tolerate/adapt.		
loss of buffer strips and protection of hedgerows	Recognition/protection of/funding of hedge row protection		Recognise value of establishing trees in hedges to carbon/tree planting targets.
Tree loss leading to species change (either leading to or experiencing)	Target tree planting programmes to key locations, using climate change resilient species/planting regimes		Carbon offset, local and national scale.
Farming – ELMS uncertainty around future funding	Longer-term farm payment Payment for what you do – Crucial to ensure that farming is profitable and ability to trade - linked to market – recognise farming primary role is a producer		
Intensification of farming practices - Impacts on habitat diversity and resilience	Develop catchment plans to target connection of locally significant habitat types	River restoration and wet woodland using beavers Culm grassland Dartmoor	
Growth of farming business exceeds capital infrastructure investment	Improved long term farm planning – key to delivery investment in infrastructure and multifunctional benefits. Is there a need for farm business approvals		Food pricing to reflect true costs

# Challenge 1: Changes to water levels and flows

Problems	Solutions	Place based examples	Who Pays	
Question 5 - What can be done to add	dress the challenges of changing water I	evels and flows?		
Question 6 - What else do we need to do to meet the challenges of climate change and growth while balancing the needs of abstractors and the				
environment?				
Question 7 - What kind of water flow	environment do we want? Should we m	aintain statutory minimum water flow	and level standards universally across	
England as we do now, or go further in	n some places based on environmental	risk?		
	Tighter requirements for			
	Sustainable Urban Drainage Systems			
	to be deployed to manage and			
	process water and its quality before			
	it discharges in the water body			
Is there enough water in dry periods	Invest in more storage.		Tourist tax to invest in more	
to meet local demands and the			infrastructure. E.g Nurture Lakeland	
additional demands of visitors and			(Lake District)	
tourists			e.g South West Water	
Low water levels increase				
vegetation encroachment and leads				
to algal blooms				
	We need to build more local			
	evidence of Climate Change and use			
	it to develop and implement			
	government and local policy to			
	manage:			
	Growth			
	Climate Change impacts			
	Water resource			
	management			
	Use Beavers to slow flow and create			
	storage.			

	More small-scale Hydro-electric schemes to help smaller scale and distributed storage of water as well as generate renewable and clean		
	energy. Change policy around management of flows to store water.		
	Influence school children to make societal change happen; a good model might be recycling. Public information films and wider promotion.		
Impact of increased tourism post Brexit – who pays to manage environmental impacts including increasing dog faeces		Salcombe and Noss Mayo	
	Could we increase abstraction from canals in future to meet increasing demand for water supply		
Impact of recreational vessels on water quality	Government Subsidy and preference for low emission craft and vessels including hydrogen technology.	Plymouth marine technology centres	Government
	Enhance future agriculture policy to reduce dependency on importing goods and reduce carbon footprint from high quality locally sourced environmentally friendly grown goods		Government
	Wider education on household and industrial use of water to reduce overall demand and improve storage.		

Retention of water on land from degraded soils	Soils and farming should be the tool to the solution, rather than the problem –subsoiling, increase organic matter.		
Raw water transfer – potential for over abstraction of water resource to outside of region.	Abstraction strategy at a regional/national scale.		
Abstraction imbalance within catchment and unregulated borehole abstraction for agriculture	Non SWW abstractions are largely agricultural – develop strategy for Farm based storage to address local balance climate change forecast increase in seasonality of rainfall.	Difference between abstraction regimes in Upper and Tamer catchments – is Upper Tamar abstraction compromising Lower Tamar.	Farm infrastructure investment programme – joint funding between farming, capital support and SWW.
	Look to water management strategies in arid countries and see what we can adopt.		
	Improve the measurement of water domestically and industrially eg remote telemetry to help warn and inform usage		Water company
	Incentivise grey water usage and water recycling to help manage water resources		South West Water and Local Authority
	New developments to have water efficient builds including rainwater harvesting etc.		
Leaks in supply infrastructure	Develop national water grid to ship water from wetter to drier regions		Water company Government
	Local Education Authority influence on syllabus to educate children on issues		

D			
Retention of water on land from	Commercial controls through legal		
farming practice i.e impact of	agreements in commercial		
commercial cropping – such as	arrangements to ensure		
maize.	accountability.		
	Can be reduced by implementing ad		
	regulating good practice – under		
	sowing, cover crops, green manure		
Increasing occurrences of run-off	Need to gather evidence –	Millbrook, Kingsand, Cawsands	Multifunctional impacts of runoff
from land causing flooding to	campaign to encourage reporting to	surface water run-off flooding	need regulation to have
highways, properties as well as	gather evidence.		multifunctional payment, ie. FCERM
pollution	Easier mobile phone reporting		funding, not just pollution
	tool/app linked to Environment		
	Agency incident hotline to give		
	clearer picture.		
	Evidence needs to lead to		
	recognition		
Short term land letting has resulted	Tenancy agreements require more		
in a loss of interest in soil health	focus on targeted control.		
	Training/Guidance/ support		
	examples, templates		
Dartmoor's environment is heavily	Not just focus on restoration of		Generational funding required.
modified – and we may need to	historic habitat / land use Upland		Develop Vision linked to funding
reconsider its landscape for the	regeneration could resolve through:		
future.	Changes in vegetation type		
	Peatland restoration		
	Ownership/common land		
	Find the balance between farming		
	and wider societal benefits.		
Unsustainable tidal defences in	Develop multifunctional projects	National Trust Cotehele	Use Ecosystem Services
estuary and intertidal projects -	from outset – recognise that some		multifunctional approach to target /
Increasing complexity due to sea	of the principle economic benefits		identify wider funding streams and
level rise combining with high flow	are related to people – visitor		develop projects to target.
with Impact on land and heritage	numbers, Health and wellbeing,		

	accessibility etc - not just the habitat.	
Increased silt in estuary, increased dredging/reclaimed land	Upper catchment soils control at a farm scale and by targeted habitat interventions – ie strengthen link between sources in Upper Tamar, and impacts in the Lower Tamar.	
land use change impacts to flow regime – increasing evidence of 'flashy' peak responses, expected to increase from Climate change rainfall forecasts.	Catchment scale review to response, including valuing soils, targeted habitat restoration, farming education, training and awareness and Targeted Flow Control  Upland Regeneration Culm grassland Wet woodland Leaky dams Beavers – moderators of flow	

# Challenge 2 Chemicals in the water environment

Problems	Solutions	Place based examples	Who Pays
Question 8 - What can be	done to address the challenge of chemicals in the	water environment?	
Question 9 - Do you suppo	ort the Environment Agency proposed strategic app	proach to managing chemicals as	referenced in the Chemicals in the Water
Environment challenge do	ocument? If not what changes would you make?		
	Ban the use of round-up as a		
	herbicide		
	Stop EA using herbicide to manage		
	weed growth in river management		
	Tax chemicals on scale relevant to		Consumer via levy
	their impact on the environment;		
	use the tax collected to address		
	issues resulting from chemicals		
	Traffic light system on packaging for		Manufacturer
	chemical damage to environment		
	eg dishwasher tablets or washing		
	machine liquid		
	Legacy compounds that continue to		
	have long impacts to be given		
	environmental profiles to promote		
	net gain of impact reduction		
	Chemical industry to establish		Manufacturer
	programmes of best practice to		
	reduce impact on environment		
			Adopt polluter pays principal but
			apply to supply chain – base product
	Maggiro troobling to identify the	Devisends	provider, manufacturer and user
	Measure trashline to identify types of chemical being used	Bovisands	
		Totacs	
	Improve flood risk management to reduce mobilisation of chemicals	Totnes	
	reduce mobilisation of chemicals		

	1	
	Improve domestic usage awareness	
	of impact of chemicals and also safe	
	disposal	
	Tighter control and regulation of	
	industrial usage	
The issue for the water environment	Farming chemicals – with greater	Chemical suppliers, contractor costs
is less around the use – it's run-off	use of contractors and less on farm	,
and entry to watercourse.	storage agricultural use is well-	
and entry to water oodinger	controlled – targeted support to	
	contractors through training and	
	capital investment in targeted	
	infrastructure – covered storage	
	_	
Cl. de Com CTM en de en la calabat	yard drainage as control measures.	
Sludge from STW ends on land - lack	Limit the range of chemicals being	
of research on chemicals and heavy	discharged to water treatment	
metals on sludge from toxic	works	
chemicals	STW not built to address chemicals	
	in system	
Phosphate and nitrate in the water	Cheaper for SWW to pay to control	
environment	through land management than at	
	STW – treatment processes are	
	expensive. More cost effective in	
	terms of outcome to continue to	
	focus on investment through UST	
	type investment to reduce/remove	
	at source – formal recognition to	
	support ongoing investment.	
Impacts from sources outside of	Review need for wider control of	
•		
established STW, agriculture uses	chemicals in the environment.	
including – Transport, Septic tanks,		
domestic, forestry/timber		
production.		

New chemicals in the water environment	Manufacturers need to undertake Life cycle analysis - identify how to remove before	Learn lessons from waste packaging regulations about costing removal mechanism into purchase price.	Chemical producers.
Diffuse pollution from non-agricultural sources.	Education programmes for o Pesticides o Home use o Source and pathway o Commercial control	meenansminto parenase price.	
Problems	Solutions	Place based examples	Who Pays
10. What balance do you think is use and behaviour?	needed between current chemical use inve	esting in end of pipe wastewater treatm	ent options and modifying consumer
	Incentivise use of organic products		Government
	Change regulations to reduce chemical content of domestic products		
	Outright ban on the use of metaldehyde		
	Domestic herbicide/pesticide usage should be replaced with organic substitutes		
	Better regulation of the agri- chemical market and of the contractors applying the chemicals		

# Challenge 3: Invasive non-native species

Problems	Solutions	Place based examples	Who Pays	
Question 11 - What can be done to ad	Idress invasive non-native species?			
Question 12 - How would you promote Check, Clean, Dry to all recreational users of water, including those who are not in clubs or attend events?				
Question 13 - Are there any barriers st	topping you adopting good biosecurity	when you are in or near water?		
Key species in Tamar:	Need for catchment scale	Giant Hogweed – Tamar Valley.		
Himalayan Balsam	initiatives Many species have no	AONB 20 years work was a success,		
Giant Hogweed	natural controls. Education to	is now free of this		
Japanese Knotweed	prevent spread of non-native	Burrator has increased level of		
Signal Crayfish	from domestic setting by	crayfish		
Grey Squirrels	education through fly tipping.	H. Balsam - River Inny is currently		
Skunk cabbage		relatively free – important to		
Pacific oysters		protect this		
Variegated archangel				
Climate change means that sleeper				
species will become problematic.				
Flytipping of Garden waste	Education and supporting			
	infrastructure to provide			
	alternatives.			
Need for increased evidence – is 1%	Link canoe clubs to research and	Devon invasive species initiative		
impact realistic – need more	education and other forms of citizen	exists, cold be linked to monitoring.		
information on distribution	science where there is safe and			
	agreed access to monitor the river			
Education – where can people go to	Use partnership working to add	Devon invasive species initiative		
get advice and what initiates them	messaging to wider signage across			
to look for it?	partnership.	AAT		
Forest planting initiatives' demand	Local action groups to grow	Moor Trees, Devon		
will result in need to bring in non-	targeted species			
native / non-local providence				
trees/species				

# Challenge 4: Physical Modification

Problems	Solutions	Place based examples	Who Pays			
Question 14 - What can be done to ac	Question 14 - What can be done to address the physical modification of our rivers and coasts?					
Question 15 - Giving more space for rivers and coasts to move and adjust naturally will regenerate habitat, improve wildlife and help us adapt to climate						
change. What can you and others do	to support these changes?					
Partnership need spatial plan to know where to target interventions.	Partnership act as an overarching to several existing groups that each have their own plans for delivery. These may for example need to be reviewed to deliver actions required to address Climate Emergency/Biodiversity Crisis. In doing so Partnership could help perform coordinating role for joining habitats/creating space.	Tamar AONB, Dartmoor National Park, TEF, Upper Tamar partnership.				
Weirs and eel barriers are also invasive barriers – need to consider the impact of removing barriers to the spread of invasive species.	Take invasive into account in design.	Gunnislake weir is a barrier to invasive.				
Agricultural use of land up to water's edge, means there is little space for channel modification	Create linked habitat corridors that allow natural river processes to reestablish. Important to create targeted areas to link. Use Nature Recovery Network, combined with ELMS payments in target catchments to create linear habitat along watercourse, sufficiently fixed. i.e. use of a 10-metre wet woodland corridor, create new fixed boundaries using	Expansion of beaver trials in Tamar catchment, including new projects in Plymouth.  Work on Dartmoor	Use targeted payments from new farm payments, along with carbon capture funding, and woodland creation.			

	hedging not fencing. Link to habitat		
	creation, such as beavers.		
Climate change will see changes to	Plan for change and predict where		
flow regimes.	we need to start now to change		
	land management approaches.		
Gunnislake weir – modification of	Better understanding of the		
obstruction ~£1m investment. Are	projected future impacts on target		
schemes like this the best use of	species of climate change before		
SWW investment when salmon fish	planning investment		
population are threatened?			
Link environment benefits to health	Consultation of British Canoe Club	Examples give in Devon, (outside	
and wellbeing – i.e. weir	needs to be ensured to develop	Tamar)	
modification and improved	combined fish/eel/canoe pass		
recreational use.	where there is agreed access		
The continued / ongoing impact of			
the large reservoirs on flow			
regime/habitat/WQ/bed material in			
receiving water body need to be			
recognised and evaluated with			
regard to climate change.			
Recognise coastal change pressures	Improve linkage between protection	Cotehele, Tamar Banks, Calstock.	
in Plymouth.	in Plymouth and intertidal habitat		
	restoration in Lower Tamar.		
	Stronger strategy.		

Problems	Solutions	Place based examples	Who Pays			
Question 16 - What can be done to ac	Question 16 - What can be done to address plastics pollution in the water environment?					
Question 17 - What actions should the	Question 17 - What actions should the Environment Agency take to reduce plastic pollution?					
We need to understand where the	Tamar Catchment Partnership	Industrial estates, laybys, beaches	Polluter/Manufacturer/ Supplier?			
sources of pollution are and stop	Project – Preventing Plastic	(Tregantle)				
the flow of plastic into the	Pollution (Plymouth City Council,					
catchment	Plymouth University, Westcountry					
	Rivers Trust, Environment Agency)					
	2020-2023					
	More regulation on manufacturers					
	of single use plastics/ other major					
	pollutants and legislation to back up					
	Use more natural fibres, British		Government			
	grown e.g. wool, hemp. Provide					
	initiatives to support UK production					
	by farmers					
	Legislation/policy to make it		Manufacturers			
	compulsory for washing machine					
	manufacturers to install plastic					
	microfibre filters on all their					
	machines. Whilst government also					
	runs an awareness/educational					
	campaign to ensure filters are not					
	emptied down the drain.					
Fly tipping and littering from moving	Reduce the cost and restrictions		Government support to incentive			
cars and fly tipping on farmland.	imposed on visiting local tips. It is		use of local recycling and tip			
Causes pollution and causes	often too expensive, or you are		facilities			
unnecessary cost to farmers who	limited in how many times you can					
must clean up without any support	go, what vehicle you use (e.g. non-					
– no financial compensation for cost	commercial van), and being refused					
of disposal, cost of their time, cost	if on foot/bike. Limited opening					
of any environmental damage	hours also cause issues. If accessing					
caused	these facilities was made easier					

		The second of the best of the second of the		
		there would be less incentive to fly		
		tip.		
		Install CCTV in hotspot fly tipping		
		sites (e.g. laybys) and fine offenders		
		using number plates		
		When prosecutions are successful		
		ensure that the money from the		
		fine is used to compensate the		
		farmer for the cost of removal of		
		the materials		
Cigarettes		Regulations on outside smoking		
Thrown out of mov	ing cars and onto	areas- ensure minimum distance		
the street in outside	e pubs/bars – in	from surface water drains or put		
both cases they are	entering rivers	filters in the drain that bar/pub etc		
via the surface wate		are responsible for maintaining		
		Yellow fish type awareness		
		campaign for these areas		
		(considering different audiences e.g.		
		bars/pubs)		
		Community service litter picking		
		could be targeted to specific		
		problem areas		
Waste collection se	rvices are	Set higher compulsory industry	Chelson Meadow Recycling centre,	
causing pollution th		standards	River Plym (Plymouth)	
transporting waste		e.g. Lids on cage trucks to prevent	Tarte i iyin (i iyinleddii)	
processing/recyclin		materials blowing away in the wind		
Our catchment has	_	A national policy supporting a		Plastic tax on packaging – especially
local authority and		joined-up approach between		single use or limited recyclables
than one waste ma		counties on recycling and		Single ase of infined recyclasies
system. The ability	~	processing waste including types of		
different materials	•	plastic and rubber tires		
where you live, son	•	plastic and rubber tires		
very limited	ie piaces are			
very illiliteu				

	In order to support more successful recycling education and awareness need to be supported, but alongside there needs to be a simplification of the system and different local	investments/incentives to small business and 'zero waste' shops
	authorities should be offering the same services or working in partnership to deliver them.	
Mixed messages around RRR –	Support behavioural changes –	
reduce, reuse, recycle	recycling rules & regulations  Return to glass bottles (making a comeback in urban areas) with deposit return scheme	
Plastic exemptions	·	
Lack of alternatives for silage plastic wrap & horticultural plastics		
Domestic waste & plastic Shotgun cartridges Strimmer cord		
More research is required to investigate the relationship between INNs and marine plastic		
The use of "biodegradable" and non-biodegradable plastic tree guards in tree planting schemes.		

# Challenge 6: Pollution from abandoned mines

Problems	Solutions	Place based examples	Who Pays			
Question 18 - What can be done to ac	Question 18 - What can be done to address pollution from abandoned mines?					
Nobody is legally responsible for the	WAMM – Wastewater from	On the river Tamar, south of				
ongoing pollution from mines which	abandoned metal mines monitoring	Launceston.				
closed before the year 2000. Many	programme to inform targeted	Pollution sources				
of the mines causing pollution in the	treatment systems	- Internal source (adits)				
catchment closed before 2000.		- External source (tailings)				
	Identify all sources of pollution and					
	create management plans for all					
	assets predating the 2000					
	exemption, then prioritise according					
	to pollution, biodiversity trade-off					
Mine issues are significant in	More WAMM funding		Government			
Cornwall and Tamar Catchments,			Coal Authority			
but there is no local presence/link						
to the Coal Authority (based in						
Wales)						
	Ensure any new mining activity has		New or existing mining companies			
	an environmental bond (e.g.		e.g. Wolf Minerals			
	Lithium)					
How can mine materials be	Are the soils/tailings exploitable?		National Government funding is			
removed/ disposed of?			essential for benchmark case			
			studies			
	Could bioremediation play a role					

### Challenge 7: Pollution from agriculture and rural areas

Question - 19 What can be done to address pollution from agriculture and rural areas?

Question - 20 How can we support the farming sector to excel at innovative solutions which benefit both productivity and the environment? What should these solutions look like?

Problems	Solutions	Place based examples	Who Pays
Agriculture is under significant pressure (driven by the demand for cheap food). The cost of investment required to meet SAFO regulations is significant.  Slurry storage is on the whole not SAFO compliant within the catchment.  many farms (~1/2 )within the catchment are tenanted and	invest to make farming profitable, increase the commodity price – market-based payments		Consumer government to invest to make slurry management compliant
without the ability to invest in infrastructure etc.			
	Remove (but whilst providing support to adapt) the pre 1991 consent for discharge.		
Intensification e.g. dairy farms joining	permitting farms on size and the sensitivity on their soils (then invest the money from permits locally)		Farmer via permits
Understanding the evolving/long term nature of the industry	No knee jerk actions, long term solutions and time scales		
Hazardous material/ plastics	Improve collection and recycling scheme for farms,		Government

	grants for silage clamps would	
	reduce the amount of plastic from	
	silage wrap	
Silt / soil erosion	improve drainage on land whilst	
	reduction compaction -> integrated	
	land management processes	
Compaction	support farmers with education and	
	resources on how to sustainably	
	manage soil	
	National certification level of farm	
	advice e.g. ADAS – soil	
	management, SAFO regs.	
	Accreditation and British standard	
	for farm advice available to	
	everyone via delivery organisation	
	e.g. NGOs	

Challenge 8: Pollution from towns, cities and transport.

Problems	Solutions	Place based examples	Who Pays
Question 21– What can be done to a	ddress pollution from towns cities and t	ransport?	
Question 22 – How can sustainable a	lrainage systems and GI be most effectiv	vely used to tackle pollution from urban	areas? What challenges are there to
using them?			
Lack of understanding from the	Yellow fish campaigns.		Developer
public about the journey of	Promote understanding of		
wastewater	water systems.		
	Syllabus level education.		
	High profile behaviour change		
	programmes		
Planning policy doesn't reference	Better support/insistence on		CounciL and S.106
WFD	SuDS		
	Planning policy should demand		
	improvement not just no deterioration		
	Change ruling that SWW must		
	accept sewage when		
	infrastructure not in place or		
	funded		
Silt/sedimentation blocking drains	Highways teamwork with rural	In France, community service aimed	Transportation sector (operators
on highways	community.	at litter picking and desilting.	and manufacturers) contributes to
	Community service.		cleaning and maintenance of drains
Local Planning Authorities do not	Clear regulations around adoption		Developer pays for enforcement
have resource to check developers	and responsibility pre, during and		and post construction maintenance
and residents complying with	post construction.		of Suds
planning permission e.g. residents	Build responsibility into title deed.		
concreting over driveways and	Improved alignment between NPPF,		
green areas	RBMP, FRMP, DWMP		

Loss of soil from agriculture, sediment contribution from highways run off	Improve sediment management to retain channel/culvert capacity	Frogmore Creek (Kingsbridge)	Government and landowners
	Plant more hedges in the catchment to slow flows and clean up water. Hedges provide multiple benefits including binding soils, providing habitat and renewable energy source		
	Need enforceable regulation to deal more effectively with sources of sediment particularly from:  New developments – pre and post construction  Agriculture Transport Urban environments	Sherford in the Yealm catchment is seen to be a big source of sediment. Yellow fish campaign in Salcombe could do with being sustained.	
	Working more closely with Natural processes at a catchment scale to manage water quantity, flow and levels		

Challenge 9: Pollution from water industry wastewater

Problems	Solutions	Place based examples	Who Pays	
Question 23 – What can be done to a	ddress pollution from water industry w	astewater?		
Question 24 – What opportunities exist for water companies to collaborate with other sectors and organisations on measures to improve the water				
environment?				
Recreational users with permission to access the river often become ill with norovirus type sickness after using the water in certain catchments  There appears to be little information available around current, predicted or even historic pollution incidents.	Develop a real-time and predictive system similar to Surfers Against Sewage App for Bathing Waters pollution information for inland rivers around water bodies used recreationally.	Tavy, Lumburn and Walkham	Collaborative project between EA, business, recreational NGO's to raise money through levies	
<ul> <li>South West Water explained:</li> <li>33% RNAGs in the Tamar Catchment apportioned to wastewater also includes septic tanks and off-grid.</li> <li>All discharges a permitted via the EP2010 and the EA</li> <li>SWW build investment plan based on WINEP: (level of investment depends on income from water bills).</li> <li>SWW region has a large number of low income customers</li> </ul>				

<ul> <li>Information on performance against permits available from SWW and EA</li> </ul>			
Tourism influxes must place a pressure on all wastewater infrastructure. Has existing infrastructure allowed for worst case climate change scenarios when maximum capacity determined?	Introduce a tourist tax for Devon and Cornwall to contribute to improving and sustaining the environment.	Portugal charges a 10 Euro tax per visit; Spain also doing the same.	Visitors to the area that do not have a permanent residence in Devon and Cornwall.
How can we check private systems? How aware are homeowners made aware of their responsibilities under the General Binding Rules? How are these enforced across such a large number of users?	<ul> <li>Clearer advice targeting septic tank and private system owners.</li> <li>Obtain records from companies confirming annual de-sludging.</li> <li>Greater enforcement and compliance checks on higher risk water bodies.</li> </ul>		Contribution from permits and fines. Annual discharge fee comparable to standing charge but to the environment as opposed to private water company. Exemptions based on means testing.
Are the models for regulating/incentivising the wastewater industry correct?	<ul> <li>Current regulation is perceived to be acting as an 'enabler' as opposed to providing an exemption.</li> <li>Stricter/tighter permitting.</li> <li>Remove any discharges from private systems i.e. pumped out and transported for treatment.</li> </ul>		
A lot of wastewater impacts take place on water bodies are classified as good or moderate.	Do not restrict Water Environment Improvement Fund to failing water bodies; we need to invest to sustain		Walkham in the Tavy

	those that are already add good status/potential.		
SWW appear to be under pressure to connect their assets to new developments without having adequate capacity leading to pollution.	Legal right should be given to refuse connect. Greater alignment with sewage undertaking and NPPF in favour of the water company Increase 5 year strategic infrastructure plan – longer term to deal with predicted and/or planned growth.	Sherford	Developer pays for additional infrastructure. House-buyer pays via long term lease associated with property
Lack of awareness and enforcement around what residents and businesses dispose of down the drain	More campaigns such as 3 x P's Sustainability be made a priority over convenience	Wembury	Water Company Product manufacturer and retailer