Web Sustainability Guidelines

Summary Table & Checklist

2.1	Display any variables that have a negative impact on your project							
	Success Criterion							
		nal variables affecting g where your produc						
	Impact & Effort	Med	lium	Med	lium			
	GRI	Medium	Medium Medium Medium Medium					
2.2	Understand visitor	requirements or cons	straints, resolving ba	arriers to access				
	Success Criterion							
	quantitative or qual	dary target visitors ar itative research, test n a close part of the	ing, or analytics, ens	suring your visitors a				
		nstraints like the devi ted for when designi			ser, and connection			
		arched and identified version of the produ						
	Barriers to access (user-research with	pain points or dark /visitors for removal.	deceptive design pa	atterns) have been ic	lentified in the			
		luding your visitors hen undertaking rese						
	Impact & Effort	Med	lium	Hi	gh			
	GRI	Medium	Medium	Medium	Medium			
2.3	Understand the imp	pact of non-visitors						
	Success Criterion							
	passively impacted	s been established for by a digital product ies, etc. Research th	or service, such as i	neighbors accepting	parcels, traffic			
	Impact & Effort	Med	lium	Med	lium			
	GRI	Medium	Medium	Medium	Medium			
2.4	Consider sustainab	ility throughout the id	deation process					
	Success Criterion							
		pid prototyping are u urces needed to buil		ild consensus, reduc	e risk, and lower			

	Users are involved within the iteration and design process using participatory design, and when conducting user-testing reach out to your community to help improve your product by allowing them to apply their knowledge and experience to your product or service.					
	Impact & Effort	Lo	ow	Low		
	GRI	Low	Low	Low	Low	
2.5	Brainstorm ways to	resolve any stakeho	older issues			
	Success Criterion					
	All stakeholders have brainstorming process		using a human-cent	ered approach durin	g the	
	the brainstorming p		undaries of a project lude creating non-us es and sprints.			
	Impact & Effort	Med	lium	Med	lium	
	GRI	Medium	Medium	Medium	Medium	
2.6	Minimize non-esser	ntial content, interac	tivity, or journeys			
	Success Criterion					
	efficient and as sim	ple as possible (time	ne initial contact with e required to comple nat's required at the	te an action displaye	ed, reducing too	
			ccessed website or s Iding on established			
	Visitors can comple	te tasks without dis	tractions or non-esse	ential features gettin	g in the way.	
	Visitors see only infi being displayed on		vant to their experier	nce, without non-ess	sential information	
	Ensure that actiona visitor.	ble information such	as pop-up or moda	l windows can only	be initiated by the	
	Impact & Effort	Med	lium	Med	lium	
	GRI	Medium	Medium	Medium	Medium	
2.7	Use decorative des	ign with care				
	Success Criterion					
	Decorative design is used only when it improves the user-experience, and unnecessary assets or ones that fail to benefit the visitor or sustainability are removed (or rendered optional and disabled by default).					
	Impact & Effort	Hi	gh	Med	lium	
	GRI	High	High	High	High	
2.8	Ensure that navigat	ion and way-finding	are well-structured			
	Success Criterion					

	Provide an accessible, easy-to-use navigation menu with search features that help visitors easily find what they need.						
		es better index webs	e) sitemap that is org lite content, which h				
	Implement a way fo	or visitors to find out	about new content a	and services.			
	Impact & Effort	Lo	ow	Lo	ow .		
	GRI	Medium	Low	Medium	Low		
2.9	Be attentive rather	than distracting					
	Success Criterion						
	The visitor can easi and respect with th		when) they receive in	nformation to both im	nprove attention		
		distract people or un nave a higher priority	nnecessarily lengthe than others.	n the time they spen	d using the		
	Avoid using infinite	scroll or related atte	ntion-keeping tactics	S.			
	Impact & Effort	Med	lium	Lo)W		
	GRI	Medium	Medium	Medium	Medium		
2.10	Use established de	sign patterns and ap	propriate componer	nts			
	Success Criterion						
			ole at the time they a patterns) that are eas				
	Impact & Effort	Med	lium	Lo)W		
	GRI	Medium	Low	Medium	Low		
2.11	Avoid being manipu	ulative or deceptive					
	Success Criterion						
	techniques, which r		rk patterns, deception to taking actions no nt to purchase, etc).				
		nting them when the	ooth ethical and clear y provide real econo				
	Remove unused an	d unconsented page	e tracking.				
	Optimization for search engines, social networks, and third-party services are organically led with good coding practices with user-experience the focus, not manipulating the services to gain greater priority through obfuscating content, pages, websites, or applications with redundancy or non-useful and optimized (to the visitor) material.						
	Impact & Effort	Hi	gh	Med	lium		
	GRI	Low	Low	Low	Low		

	Success Criterion						
	The deliverables output, including documentation, are used upstream of the project and produced in ways that will allow it to be reused in subsequent projects.						
		and technical speci the project team and		ented so that deliver development team.	ables are		
	the burden to acces		ntain, and utilize prod	Source affordances duction-ready code a			
	Impact & Effort	Med	lium	Hi	gh		
	GRI	Medium	Medium	Medium	Medium		
2.13	Use a design system	m to prioritize interfa	ce consistency				
	Success Criterion						
		employed based on		recognizable patterr for visitors.	ns to mutualize		
	Impact & Effort	Lo	w	Med	lium		
	GRI	Medium	Low	Medium	Low		
2.14	Write with purpose,	in an accessible, ea	sy-to-understand fo	rmat			
	Success Criterion						
				livered at an easy-to on inclusions as requ			
		d to support how pe adings, bulleted lists		luding a clear docur o on.	nent structure,		
	SEO has been prior lifecycle to improve		design stages and t	hroughout a product	t or service's		
	Impact & Effort	Lo	W	Lo)W		
	GRI	Medium	Low	Medium	Low		
2.15	All images must be	optimized for sustai	nability	,			
	Success Criterion						
	The need for image implementation.	s has been determin	ed considering the o	quantity, format, and	size necessary for		
	Resize, optimize, and compress each image (outside the browser), offering different sizes (for each image) for different screen resolutions.						
	Provide Lazy Loadi	ng to ensure image a	assets only load whe	en they are required.			
	Let the visitor selec	t the display size, ar	d provide the option	to deactivate image	es.		
		nagement and use p sion and file formats.		overall impact of imag	ges, with criteria		
	Impact & Effort	Hi	gh	Lo	ow .		

	GRI	High	High	High	High		
2.16	All audio or video m	nust be optimized for	r sustainability				
	Success Criterion						
	The need for video or sound (when it adds visitor value, for example, to enhance accessibility) has been determined, and non-informative media (background media), including autoplaying functionality, has been banned or removed.						
			isitor's requirements bedded player plugi		ate format, ensure		
			downloaded on the on- n-functional, static, r				
	alternative resolution		n, giving a choice of increase visitor awa				
		nagement and use pompression and file f	olicy to reduce the cormats.	verall impact of aud	io and video, with		
	Impact & Effort	Hi	gh	Med	lium		
	GRI	High	High	High	High		
2.17	Animation must be	proportionate and e	asy to control				
	Success Criterion						
	Use animation only	when it adds value t	to a visitor's experie	nce, and not for dec	orative elements.		
			mber of animations a includes setting a r				
	Allow visitors to sta	rt, stop, pause, or of	therwise control anin	nated content.			
	Impact & Effort	Med	lium	Lo	ow		
	GRI	High	High	High	High		
2.18	Web typography mi	ust be highly optimiz	ed and appropriate				
	Success Criterion						
	Use standard syste	m-level (web-safe /	pre-installed) fonts a	s much as possible.			
			vithin typefaces (sucl nant file format availa	•	racters) are limited		
	Impact & Effort	Med	lium	Lo	ow		
	GRI	Medium	Medium	Medium	Medium		
2.19	Suitable alternatives	s to any provided for	rmat must be offered	1			
	Success Criterion						
	All proprietary file for availability.	ormats (such as PDF) are offered in HTM	L for accessibility an	d to ensure future		

	All custom typefaces (using font-display) are subsetted and offered as part of a font stack with a system font as a backup.					
	All images provide accessibility.	meaningful alternativ	ve text for screen rea	ader users (or when i	mages fail to load)	
	Audio provides text	transcripts of conve	ersations as an alterr	native to playing the	media.	
		transcripts (at minined captions and sign		g WebVTT), and for a	accessibility best	
	Impact & Effort	Med	lium	Med	lium	
	GRI	Medium	Medium	Medium	Medium	
2.20	Provide accessible,	usable, minimal we	b forms			
	Success Criterion					
	visitor's needs and necessary, what its	the organization's be	usiness goals. Clear , how many steps it	bare minimum nece ly communicate why will take to complete	a form is	
	•		•	elpful (to conserve ba f helpful tooling such	,	
	Impact & Effort	Lo	oW .	Lo	ow .	
	GRI	Medium	Low	Medium	Low	
2.21	Consider the impac	t of visitors using no	n-visual browsers			
	Success Criterion					
	Support speech broalternatives to a vis	•	n-graphical ways to	interact with content	t that provide	
	Impact & Effort	Lo	ow	Med	lium	
	GRI	Medium	Low	Medium	Low	
2.22	Provide useful notif	ications to improve t	he visitor's journey			
	Success Criterion					
		is strictly necessary.		ucing the practice of (such as alerts for n		
	Let the visitor control notifications (for example through the browser, SMS, or by email) and adjust messaging preferences, and the option to unsubscribe, logout, and close an account should be available and visible.					
		result of a potential i and so on. This will h		prompts and messa pectations.	ages that explain	
	Impact & Effort	Lo	oW .	Lo	DW .	
	GRI	Medium	Low	Medium	Low	
2.23	Reduce the impact	of downloadable or	physical documents			

	Success Criterion					
	If the production of paper documents is essential, it should be designed to limit its impact to the lowest possible. Create a CSS Print stylesheet and test it with different types of content. Ensure PDF printing is encouraged over paper-based storage.					
	Provide all downloa accessible file form		a state of being opt	imized, compressed	, and in a variety of	
		ely to be re-used, ge main) rather than for		t once on the server duplicated.	-side (preferably	
	choice if possible o Furthermore, be sui	f both the format, an	d the language (if nongether the document with	e, and the format, allot the same as the within Web pages (prov	eb page).	
	Impact & Effort	Med	lium	Lo	ow	
	GRI	Medium	Low	Medium	Low	
2.24	Policies and proces	ses must exist to ge	t stakeholders inves	sted		
	Success Criterion					
	and user-interface of	components when apding people with slow	oplicable with real us	e and test new featu sers who represent v lisabilities, with diffic	arious stakeholder	
	The organization haviability.	s appropriately reso	urced these process	ses to support its lon	g-term product	
	The organization ha	s training materials t	to onboard new prod	duct team members	to these practices.	
		gularly conducts ext e meeting both busi		ser interviews to vali or needs.	date whether the	
	Impact & Effort	Hiç	gh	Med	lium	
	GRI	High	High	High	High	
2.25	Audit and test for b	ugs or issues that re	quire resolving			
	Success Criterion					
	accessibility or secu		been accounted for	ues hav been identif at either monthly or		
	Non-regression test	s are implemented f	or all important func	tionality.		
		has been incorporate s or otherwise confl		cycle to ensure that ware functionality.	new features	
	Impact & Effort	Med	lium	Med	lium	
	GRI	Medium	Medium	Medium	Medium	
2.26	Measure and test for	or performance				
	Success Criterion					

	The performance of a website or application, to identify and resolve bottlenecks or issues in the underlying code or infrastructure which could ultimately impact the sustainability of a website or application, are regularly measured with each release-cycle (using tooling or through research and auditing).						
	ensure strict adhere	to provide a streamli ence, and comply wi rotection Regulation	th relevant accessibi	ility policies and priv			
	Impact & Effort	Med	ium	Lo	ow		
	GRI	Medium	Medium	Medium	Medium		
2.27	Ensure features pro	vide maximum value	e for their impact				
	Success Criterion						
		doption, and churn raed into future release		f product or service	features and their		
	Impact & Effort	Med	ium	Lo	DW		
	GRI	Medium	Medium	Medium	Medium		
2.28	Verify that real-worl	d users can success	fully use your work				
	Success Criterion						
	Usability testing has been incorporated into product cycles and the impact of these tests is routinely measured for future releases.						
	Impact & Effort Medium Medium						
	GRI	Medium	Medium	Medium	Medium		
2.29	Check for compatib	oility or platform-spe	cific issues				
	Success Criterion						
		cy with obsolete dev systems, and browse					
	for as long as possi	nce in software upda ible and clearly comr gnificantly reduce pe	nunicating whether	an update is evolutio	onary (large		
	•	rice regularly tests w han five years to ens		and slow connection	s, old browsers,		
	-	nethods (such as res ve enhancement, co					
		ther chosen or reject native mobile applica		er it be more sustain	able and		
	Impact & Effort	Hiç	gh	Med	lium		
	GRI	High	High	High	High		
3.1	Set goals based on	potential impact con	nsiderations				
	Success Criterion						

	Explicit goals that impact the environment and performance of the service, for example, HTTP requests, or the amount of DOM elements that need to be rendered are both set and met.						
	Because the payload being delivered may not always be equal in terms of energy intensity, operators of websites and applications must ensure that consideration is given for the energy intensity (or unit being evaluated) of each component. For example, non-rendering text is less computational than CSS, which in turn is less process-heavy than JavaScript, which is less resource-heavy than WebGL.						
	Impact & Effort	Med	lium	Med	lium		
	GRI	Medium	Medium	Medium	Medium		
3.2	Remove unnecessa	ary or redundant info	rmation				
	Success Criterion						
	data files to reduce		ve loading times. Thi	n-essential characte is applies to HTML, (
	Impact & Effort	Lo	ow	Lc	ow		
	GRI	Low	Low	Low	Low		
3.3	Modularize bandwi	dth-heavy componer	nts within projects				
	Success Criterion						
	Breakdown bandwidth-heavy components, front-end and back-end into smaller, modular segments that can be loaded only when required.						
		act & Effort Medium Low					
	Impact & Effort	Med	lium	Lo	ow .		
	Impact & Effort GRI	Medium	lium	Lo	ow Medium		
3.4	GRI		Medium				
3.4	GRI	Medium	Medium				
3.4	GRI Tree shaking should Success Criterion	Medium	Medium unnecessary code	Medium			
3.4	GRI Tree shaking should Success Criterion	Medium	Medium unnecessary code code within CSS ar	Medium	Medium		
3.4	GRI Tree shaking should Success Criterion Identify and elimina	Medium d be used to remove te unused and dead	Medium unnecessary code code within CSS ar	Medium	Medium		
3.4	GRI Tree shaking should Success Criterion Identify and elimina Impact & Effort GRI	Medium d be used to remove te unused and dead Med	Medium unnecessary code code within CSS ar lium Medium	Medium nd JavaScript.	Medium		
	GRI Tree shaking should Success Criterion Identify and elimina Impact & Effort GRI	Medium d be used to remove te unused and dead Med Medium	Medium unnecessary code code within CSS ar lium Medium	Medium nd JavaScript.	Medium		
	GRI Tree shaking should Success Criterion Identify and elimina Impact & Effort GRI Sustainable solution Success Criterion Your website or app to obey relevant law means that people	Medium d be used to remove te unused and dead Medium ms must be accessib dication must confort ws and meet addition with permanent, tem ey are looking for, ar	Medium unnecessary code code within CSS ar lium Medium le rm to WCAG (at the nal visitor accessibilinorary, or situationa	Medium nd JavaScript.	Medium Medium Medium s extend beyond lding inclusively able to more		
	GRI Tree shaking should Success Criterion Identify and elimina Impact & Effort GRI Sustainable solution Success Criterion Your website or app to obey relevant law means that people quickly find what th your product or ser Enhance your webs	Medium If be used to remove the unused and dead the unused and dead the medium the medium the medium the medium the permanent, territory are looking for, arvice.	Medium unnecessary code code within CSS ar lium Medium le rm to WCAG (at the nal visitor accessibility approach, or situationand not have to spend	Medium Ind JavaScript. Medium Medium Medium necessary level), pluty requirements. Builal disabilities will be a	Medium Medium Medium s extend beyond lding inclusively able to more ag for a way to use (ARIA) ONLY if		
	GRI Tree shaking should Success Criterion Identify and elimina Impact & Effort GRI Sustainable solution Success Criterion Your website or app to obey relevant law means that people quickly find what th your product or ser Enhance your webs applicable or neces	Medium It be used to remove Ite unused and dead Medium Medium Ins must be accessiblication must conforws and meet addition with permanent, temely are looking for, arvice. Iste or application with sary, and accessibilities	Medium unnecessary code code within CSS ar lium Medium le rm to WCAG (at the nal visitor accessibility approach, or situational and not have to spend th Accessible Rich In ty enhancing feature	Medium Ind JavaScript. Medium Medium Medium Inecessary level), pluty requirements. Builal disabilities will be a dextra time searching thereof Applications	Medium Medium Medium s extend beyond ding inclusively able to more ag for a way to use (ARIA) ONLY if neficial.		

	GRI	Medium	Medium	Medium	Medium	
3.6	Redundancy and de	uplication in code sh	ould be avoided			
	Success Criterion					
			or performance) your duct (and codebase)	code to focus on es	sential features	
	Improve (iterate) an existing creation rather than constantly redeveloping and redesigning products from scratch (duplication of coding effort) if possible to reduce visitor learning burden and developer impact.					
		aScript, use method ement and output of		and systems like DRY	and WET to	
	Impact & Effort	Med	lium	Med	dium	
	GRI	Medium	Medium	Medium	Medium	
3.7	Third-party services	s should be assesse	d as first parties			
	Success Criterion					
	as early in the ideat	ion or creation proce	ess as possible and	s, carousels, etc) ha as few of them are u cluding Scope 3 em	sed as possible to	
	behind a click-to-lo		ng the "import on in	s, carousels, etc) sho teraction" pattern), w		
		and JavaScript framame goal cannot be		used if a more perfo	rmant alternative	
	Self-hosted content	t has been prioritized	d over embedded co	ntent from third-part	ty services.	
		•	ave been created, rathin your product or	ather than relying on service.	third-party	
	that cannot be cont provide benefits to creating the produc with cookies, webs	crolled or managed be a website, the need at or service but also ites or applications of tures (with explanations)	by the first-party proving to justify their inclusing be able to be controcan provide a similar	e often a source of s vider of a service. White on must be made no olled by the consume mechanism of disab unless such feature	hile many do ot only by those er. As showcased bling or refusing	
	Impact & Effort	Hi	gh	Med	dium	
	GRI	High	High	High	High	
3.8	Code must follow g	ood semantic practi	ces			
	Success Criterion					
	Content must be ac	ccurately marked up	according to the rele	evant standard(s).		
	negatively impact for	unctionality, accessil	oility, or readability. F	attributes only when Retain them when the formance), or ensure	ey enhance	
	Avoid using non-sta	andard elements or a	attributes.			

	Prefer using standard HTML elements and attributes. Only use custom elements or Web Components if you cannot utilize native HTML elements or if you need tightly regulated control over the implementation of design system components.					
	Impact & Effort	Medium		Medium		
	GRI	Medium	Medium	Medium	Medium	
3.9	Render blocking sh	ould be resolved				
	Success Criterion					
	All external assets I Content (FOUC).	have been deferred o	or set to async (unle	ss required) to avoid	Flash Of Unstyled	
	If external resource	s are required on loa	d, their priorities (de	elivery route) are set o	correctly.	
	Impact & Effort	Med	lium	Lo	DW	
	GRI	Medium	Medium	Medium	Medium	
3.10	Information to help	understand the usef	ulness of a page sho	ould exist		
	Success Criterion					
	Metadata and micro	odata for search eng	ines and social med	lia have been optimiz	zed.	
	Search engines are not obstructed, while ill-intentioned robots and scripts are blocked.					
	Accessibility and usability aids are provided to find content, such as skip links and signposts.					
	Impact & Effort	Lo	W	Lo	DW	
	GRI	Low	Low	Low	Low	
3.11	Forms must validat	e for errors, account	ing for tooling requir	rements		
	Success Criterion					
	Errors are identified	I through live validati	on as well as upon s	submission.		
	•	•	•	benefit of voice tool necessary) removed.		
	Always allow the pa	asting of content (inc	luding passwords) f	rom external sources	5.	
	Impact & Effort	Med	lium	Lo)W	
	GRI	Medium	Medium	Medium	Medium	
3.12	Metadata is structu	red for machine read	dability			
	Success Criterion					
	Include the required	d title element, plus a	any optional HTML h	nead elements (such	as link).	
	_	_	_	and social networks itiative (DCMI), Friend		
	Embed Microdata,	Structured Data (Sch	nema), or Microforma	ats within your pages	S.	
	Impact & Effort	Med	lium	Lo	DW .	

	GRI	Medium	Medium	Medium	Medium			
3.13	Sustainable CSS user preference media queries are used							
	Success Criterion							
	Apply the monochrome, prefers-contrast, prefers-color-scheme, prefers-reduced-data, prefers-reduced-transparency, and prefers-reduced-motion CSS preference queries if they will benefit your website or application. Use the print & scripting CSS media queries if they will improve the sustainability of your website.							
	Impact & Effort	Med	lium	Lo	DW .			
	GRI	Medium	Medium	Medium	Medium			
3.14	Layouts work acros	s devices and requi	rements					
	Success Criterion							
	including mobile, do functionality are accommodate without limiting accommodate implement robust fa	esktop, smart TVs, a cessible and optimiz essibility, usability o	ind other emerging pred on both smaller reduced the contraction of the	s a variety of devices platforms. Ensures the mobile screens and labelific device type. It is site or application w	at content and arger displays sessential to			
				used, such as Adapt erall sustainability th				
	using carbon-aware codebase disable n interface to perform	e design techniques. non-essential function n better in situations	This should include nality during high-int where scaling hardw	te or service to elect using situational de tensity periods or ad vare resources can b that can auto-disable	sign to reduce the apting the user- e avoided to			
				(speech), code (QR, atch, appliance, trans	, .			
	Impact & Effort	Med	lium	Lo	ow .			
	GRI	Medium	Low	Medium	Low			
3.15	Use beneficial Java	Script and its APIs						
	Success Criterion							
	Improve sustainabil	ity through accessib	le and performant c	ode implementations	5.			
				us, Compression Stre by of your website or				
	When using an API unrequired data is s		call it when necess	ary. On the other sid	e, make sure no			
	Impact & Effort	Hi	gh	Med	lium			
	GRI	High	High	High	High			
3.16	Ensure that your sc	ripts are secure						
	Success Criterion							

	Check the code for vulnerabilities, exploits, header issues, and code injection.					
	Impact & Effort	Med	lium	Med	ium	
	GRI	Medium	Medium	Medium	Medium	
3.17	Dependencies are a	appropriately used a	nd maintained			
	Success Criterion					
	when they are not n		for unused depende	ript libraries to run lo ncies and uninstallin		
	downloaded and pa	arsed by the browser package size, and w	r. Consider whether	mount of JavaScript by you can use a native odules can be installed	JavaScript API	
	Regularly check de	pendencies and kee	p them up-to-date.			
	Impact & Effort	Med	lium	Lo	W	
	GRI	Low	Low	Low	Low	
3.18	Include expected a	nd beneficial files				
	Success Criterion					
		nally, ensure that an		omanifest, and sitem in future web standa		
				txt, security.txt. Addi ications are included		
	Impact & Effort	Lo	W	Lo	W	
	GRI	Low	Low	Low	Low	
3.19	Avoid using deprec	ated, proprietary, or	outdated code			
	Success Criterion					
	up-to-date, widely may be used to me	ecognized standard	s that offer equivaler stomer need only if t	ts and web standard nt or improved functi there is a justifable b iissions reduction).	onality. Such code	
	Impact & Effort	Lo	w	Med	ium	
	GRI	Low	Low	Low	Low	
3.20	Use the most efficient	ent solution to impler	ment your service	-		
	Success Criterion					
	simpler technologic footprint. A prebuilt	al implementation m solution may use m	nay use more human ore system resource	entation of the produ resources but could s (and thereby produ g less carbon during	have a smaller uce more	

	solution is actively r Therefore, use nativ	maintained, it may be	e better optimized the file systems to a WY	g methodology (thou nan what you could p SIWYG editor or hea	oroduce).
	If choosing a code generation tool, use a Static Site Generator in preference to a bulky content management system. Because SSGs often start using a minimalist content entry format (like markdown) and all of the compilation is done before the website is uploaded, the emissions benefit comes from the server not having to place as much effort into serving pages (as they are static) for each visitor. In the case of a CMS, the dynamic nature of a site will involve additional computation (server-side processing) and bulkier libraries.				
		essibility, and perfor		ed and selected to n jularly audited over t	
	All the components of the user-interface are the subject of special attention in terms of its sustainability impact while respecting accessibility and the performance of such components.				
	Impact & Effort	Med	lium	Med	lium
	GRI	Medium	Medium	Medium	Medium
3.21	Use the latest stable	e language version			
	Success Criterion				
	Use the latest build	of your chosen synt	ax language and its	coupled framework.	
	languages are optin the problem, espec	nized for performing ially if there is a reas	particular tasks, and onable visitor base i	. Many tools and productilizing those most nvolved justifies the g of those involved o	t appropriate to time and effort, as
	Impact & Effort	Med	lium	Med	lium
	GRI	Medium	Medium	Medium	Medium
3.22	T				
	Take advantage of r	native features and f	unctionality		
	Success Criterion	native features and f	unctionality		
	Success Criterion	native features and fo	· · · · · · · · · · · · · · · · · · ·	wn.	
	Success Criterion		s over writing your o	wn. Lo	ow
	Success Criterion Use native functions	s, APIs, and features	s over writing your o		ow Medium
3.23	Success Criterion Use native functions Impact & Effort	s, APIs, and features Med Medium	s over writing your o	Lo	
3.23	Success Criterion Use native functions Impact & Effort GRI	s, APIs, and features Med Medium	s over writing your o	Lo	
3.23	Success Criterion Use native functions Impact & Effort GRI Run fewer, simpler of Success Criterion If you need informat requested) more that	s, APIs, and features Medium queries as possible tion that is stored in an once in your code cessing. Also, avoid	s over writing your or lium Medium a database, and you	Lo	Medium ely to be ore the data locally
3.23	Success Criterion Use native functions Impact & Effort GRI Run fewer, simpler of Success Criterion If you need informat requested) more that for subsequent products	s, APIs, and features Medium queries as possible tion that is stored in an once in your code cessing. Also, avoid	s over writing your or lium Medium a database, and you e, access the databa reliance on framewo	Medium u require it (or it's like se only once, and st	Medium ely to be core the data locally t defer filtering to
3.23	Success Criterion Use native functions Impact & Effort GRI Run fewer, simpler of Success Criterion If you need informat requested) more that for subsequent procelater on in the proces	s, APIs, and features Medium queries as possible tion that is stored in an once in your code cessing. Also, avoid ess.	s over writing your or lium Medium a database, and you e, access the databa reliance on framewo	Medium u require it (or it's like se only once, and stork helpers that migh	Medium ely to be core the data locally t defer filtering to

	Success Criterion				
	To assess the environmental impacts of hosting and detect overconsumption, some indicators are monitored: energy / water usage, CPU / Memory usage, allocation of servers and CPU cores, etc. These indicators are be used to calculate metrics directly related to environmental impacts, such as Power Usage Effectiveness (PUE), Water Usage Effectiveness (WUE), and Carbon Usage Effectiveness (CUE). They are displayed to visitors for transparency and monitoring reasons. If possible (to reduce redundancy) the ability to scale packages based on usage requirements is made available (manually or automatically) to reduce wasted resources.				
	Equipment is managed responsibly by keeping it as long as possible, using it as efficiently as possible, making sure it is certified, and purchasing long-lifespan products.				
	Waste (including eq	uipment) is recovere	ed, recycled, and up	cycled.	
	Electricity comes entirely from sources with the lowest possible carbon intensity (ideally generated by wind or solar rather than from non-renewable sources). For example, Renewable Energy Credits (RECs) can help verify the source, or, ideally, prove that electricity comes directly from renewable sources.				
	reduce them and or sustainable, therefo environmentally vial	nly compensate for to the effectiveness	hem if they cannot be of an offset solution and part of a longer	at the priority should be avoided. Carbon of must be verified, sh t-term strategy to elin	credits may not be own to be both
	Impact & Effort	Hi	gh	Med	ium
	GRI	Low	Low	Low	Low
4.2	Optimize caching w	vith offline access su	pported		
	Success Criterion				
	Otherwise, use the expiration using export varnish. If using a static pages so that required static asse	provided server con- pires or cache-control a language or frame they can be reused	figuration files to incol, utilizing tooling wwork that generates for future visitors. Awhere possible to re	ble on-the-fly server- lude and tweak the f here appropriate suc pages on request, calso remember to cac duce repeat server re blogies.	ile-type cache th as Memcached, ache responses for the frequently
	Programming Interference example, through the	aces (APIs), or cook ne use of a PWA (Pro	ies (if necessary) to sogressive Web Appli	rs, WebWorkers, stor streamline the user-jo cation) to ensure that and improve accessi	ourney. For t an offline version
	Impact & Effort	Hi	gh	Hi	gh
	GRI	Medium	High	Medium	High
4.3	Compress files whe	ere it is beneficial			
	Success Criterion				
	Brotli or GZIP. Othe		ded server configura	r-fly server-side comp tion files to include a	
				reducing the quality a server or content	

	Impact & Effort	Hiç	High Low			
	GRI	Low	Low	Low	Low	
4.4	Setup necessary er	ror pages and redire	ction links			
	Success Criterion					
	optimized pages fo	Maintain sites by ensuring links are correct, and if errors occur, provide suitable way-finding within optimized pages for each error type to ensure resources can be identified to help visitors complete the task they started.				
	Redirect websites, subdomains, and pages only when necessary. Proactively seek broken or outdated links and fix them. A redirect or search will often help reduce the number of pages a visitor needs to load.					
	Impact & Effort	Lo	Low			
	GRI	Low	Low	Low	Low	
4.5	Unless required, av	oid utilizing unneces	sary environments			
	Success Criterion					
		environment is availa it online while unuse		ost of deploying an e	environment with	
	Impact & Effort	Med	lium	Lo	DW .	
	GRI	Low	Low	Low	Low	
4.6	Allow automation b	ut ensure it is tightly	regulated			
	Success Criterion					
		k, such as deployme continuous integratio			tically, as	
	To reduce wasted p	processing cycles, ev	very automated task	is only run when nee	eded.	
		infrastructure is used ttling is implemented			of the web server	
	concern for security bad actors and mir logs, less data, less large increase in H	n bots has been steady, performance, and himize bad behavior. It is effect due to comport, email, and other trate data. Comprome	sustainability. Use so This results in substa romise, and more. To traffic as malicious	ecurity tools that aut antially less load on he result of compror code attempts to inf	omatically block the server, fewer nised websites is a iltrate other	
	Impact & Effort	Hig	gh	Med	lium	
	GRI	Low	Low	Low	Low	
4.7	Define the frequence	cy of data refreshes				
	Success Criterion					
	The frequency for ridepending on visitor	efresh (of both the ca or needs.	ache, locally stored o	data, and the page) i	s defined	
	Impact & Effort	Med	lium	Lo	DW .	

	GRI	Medium	Medium	Medium	Medium		
4.8	Backup critical data at routine intervals						
	Success Criterion						
	Backups of system and user data are both incremental and secure.						
	Impact & Effort Low Low						
	GRI	Low	Low	Low	Low		
4.9	Consider the impact and requirements of processing information						
	Success Criterion						
		ical processes and c under a given thresh	communications are old.	batched and launch	ed only when		
	using insecure protofor visitors (HTTPS,	ocols (HTTP, FTP), a SSH). Modern prot	relevant to the visito nd prioritize more eff ocols such as HTTP compatibility in mind	ficient and privacy-a /2 should be used to	ware data routes		
	refresh), if the utilization	ation of Event-Driver	t utilize state change Architecture and M PPP variables involve se it.	icroservices will be r	more		
	whether such proce	essing and / or delive	ed wherever possiblery should occur fror formance, and susta	n either the client or	server-side must		
	Impact & Effort	Med	lium	Med	dium		
	GRI	Low	Low	Low	Low		
4.10	CDN use must be p	proportionate and su	stainable				
	Success Criterion						
	pre-generated reso	urces in a fast and e	audience, use a CD fficient manner. Altho infrastructure that ne	ough they definitely	can increase		
	Verify that the CDN	provides a commitm	nent to sustainability	'.			
		nce, the need for dis	vers located close to tributed content (CD				
	a first-party host) as browser mechanics interact, and the po	s due to cache partit s, any benefits are ne	regularly changing ritioning, cross-origin egated by weaker peof security and privacets.	resource sharing (CC rformance, the inabi	ORS), and other lity to cache or		
	transferred, and CP	U cycles for (de)seri	ers of an application alization. Wherever pe these costs and av	oossible, data transf	ormations must be		

	Impact & Effort	Medium Low)W		
	GRI	Low	Medium	Low	Medium		
4.11	Infrastructure decis	ions must meet busi	ness requirements				
	Success Criterion						
	Select infrastructure elements with the lowest requirements tier, meeting your service-level agreements. Avoid over-provisioning multi-datacenter, multi-zone, or distributed deployments if standalone instances meet the requirements. Also avoid provisioning infrastructure that will be under-utilized by provisioning for established average loads, ensuring reasonable resource utilization and autoscaling occurs as needed. Avoid provisioning for peak loads.						
	Impact & Effort	Medium Medium					
	GRI	Low	Low	Low	Low		
4.12	Store data according	ng to the needs of yo	our users				
	Success Criterion						
	Remove unnecessa abandoned.	ary and redundant da	ata from your servers	s, whether it is single	-use (dark data) or		
	Create data with an up old data needs t		cess data is a form o	of technical debt, and	d routinely cleaning		
	Use a data classific	ation / tagging polic	y to make it easier to	o find, handle, and re	emove.		
	Store data only whe	en it is difficult to rec	reate.				
		tion, storage (off-site al backup providers.		eduling during low-ac	ctivity hours and		
	Ensure long-term a	ssets, especially tho	se of a large size, ar	e made available for	download.		
	Impact & Effort	Lo)W	Lo	OW .		
	GRI	Low	Low	Low	Low		
5.1	Have an ethical and	d sustainable produc	t strategy				
	Success Criterion						
		PP Statement that in		Ethics, Product Gui ecific to digital produ			
		ures, compliance, ar sustainability section		the scope of these g service.	uidelines are		
		ed by the organizatio te policies, and relat		ectively governs imp ver time.	lemented digital		
	_	workshops are prov implements more s		tion for onboarding i trategies.	new team		
				corytelling, document awareness with your			
	The organization ca	an show how it powe	ers digital products a	nd services with ren	ewable energy.		
	Impact & Effort	Hi	gh	Hi	gh		

	GRI	High	High	High	High	
5.2	Assign a sustainability representative					
	Success Criterion					
	An ecological referee (with specific digital expertise) for the product or service within your organization has been assigned and empowered with the tools they require (resources, budget, time, etc.) to achieve their stated goals.					
	Impact & Effort	Effort Medium Low				
	GRI	Medium	Medium	Medium	Medium	
5.3	Inform, raise awareness, and train for sustainability					
	Success Criterion					
	(managers and clie		out and trained in bo	es, and organizationa oth general and digita		
	sustainability. This	can be undertaken tl , or other ongoing or	hrough in-house train	velop, establish, and ning, courses, works ds to empower your	shops, events,	
	and sustainable init		nd resources on sust	r environmental impa ainable design, best		
	Impact & Effort	Med	dium	Med	dium	
	GRI	Medium	Medium	Medium	Medium	
5.4	Communicate the	ecological impact of	user choices			
	Success Criterion					
		lications of visitor choased on those choice		arly communicated a	and visitors can	
	Impact & Effort	Med	dium	Med	dium	
	GRI	Medium	Medium	Medium	Medium	
5.5	Estimate a product	or service's environ	mental impact			
	Success Criterion					
	A full life-cycle Ana conducted.	lysis based on the fu	unctional unit defined	d in Guideline 5.15 ha	as been	
		impact of your or a o I) has been calculate	-	service to inform de	cision-making (as a	
	(or estimates of) of solutions utilized in	any tooling used to the pipeline. While r	create the product o	or service, you must r service along with he emissions they go overall solution.	any third-party	
	Impact & Effort	Med	lium	Med	dium	
	GRI	Medium	Medium	Medium	Medium	

5.6	Define clear organizational sustainability goals and metrics					
	Success Criterion					
	The organization has defined and published a clear set of sustainability goals. It publicly communicates how it will meet these goals, including which performance metrics are important to help the organization and its various stakeholders thrive.					
	Impact & Effort	Lo	Low		lium	
	GRI	Low	Low	Low	Low	
5.7	Verify your efforts u	sing established thir	d-party business ce	rtifications		
	Success Criterion					
		as achieved one or magain and practices to su		nability certifications	and incorporated	
	The organization m	aintains its certificati	ion through evolving	policies and practic	es over time.	
	Impact & Effort	Med	lium	Med	lium	
	GRI	Medium	Medium	Medium	Medium	
5.8	Implement sustaina	ability onboarding gu	idelines			
	Success Criterion					
	policies and practic		w to implement them	es, and materials that n. While managing ar nd practices arise.		
		eir training, including		olders to make prog ity activities, recogni		
	The organization ar acts to minimize the		potential negative ex	xternal variables on t	he service, and	
	Impact & Effort	Hi	gh	Med	lium	
	GRI	High	High	High	High	
5.9	Support mandatory	disclosures and rep	oorting			
	Success Criterion					
	environmental impa	•	services, policies, an	actices for disclosing nd programs in line w		
		oduces a publicly avand environmental go		t outlining its progre	ss against previous	
	and legislative police	cy that promotes ma er human and enviro	ndatory disclosures	or emerging environ and reporting for em s impact reporting, r	issions. This is	
	_	early identifies how i vashing, excluded da		mental impact, avoidative techniques.	ding double	
	Impact & Effort	Med	lium	Med	lium	

	GRI	Medium	Medium	Medium	Medium	
5.10	Create one or more impact business models					
	Success Criterion					
	The organization has completed (and operationalized) a Theory of Change process with requisite documentation to identify the impact it hopes to create, how it will generate revenue, shared, or added value from these activities, how it will measure results based on desired outcomes; or in the case of launched projects, is generating revenue, actively tracking and measuring progress against any desired outcomes.					
	Impact & Effort High Medium					
	GRI	High	High	High	High	
5.11	Follow a product m	anagement and mai	ntenance strategy			
	Success Criterion					
	The organization hamaintenance.	s documented polic	ies outlining how it a	approaches product	management and	
	The organization ha it manages.	s maintenance / sec	curity plans in place t	for all the digital prod	ducts and services	
	refactoring code, ac	ddressing technical	es products over time debt, new product fe ue supporting its cus	eatures, ongoing test	ting, and product	
		corporates carbon a ole improvement ove	nd resource measure er time.	ement into maintena	nce programs and	
	_		d documented Key F sustainability impacts	•	ls) and implements	
	Impact & Effort	Hi	gh	Lo	ow	
	GRI	High	High	High	High	
5.12	Implement continuo	ous improvement pro	ocedures			
	Success Criterion					
			nd practices to enab y to support these e		vement and has	
			e gone through a rev arch, identify technic			
	while also addressing such as technical danalytics are limited	ng the by-products a ebt, product perforn d to only necessary f	ent (iteration) usage and potential consections, and potential consections, are atures to aid with capainst business go	quences of ongoing ond related issues is of decision-making, end	experimentation, clearly visible. couraging visitor	
	elimination of unuse		reation of new function unvisited pages throuse basis.			
			during the product o			

	Sustainable product and data strategies have been developed with appropriate training techniques. These should help your team (managers, colleagues, etc) build capacity and learn new skills to manage and maintain products and services over time.					
	Impact & Effort	Hi	gh	Hi	gh	
	GRI	High	High	High	High	
5.13	Document future up	odates and evolution	IS			
	Success Criterion					
	Adding, updating, of the product or se	updating, or removing features are considered where appropriate to the user-experience roduct or service.				
	Impact & Effort	Low				
	GRI	Low	Low	Low	Low	
5.14	Establish if a digital	product or service i	s necessary			
	Success Criterion					
		vice identifies within appropriate targets		ement where it aligns	with one of the	
	The product or serviability factors.	vice has been detern	nined as necessary b	oased upon desirabil	ity, feasibility, and	
		product or service of stand the market for		An analysis has bee	n conducted if	
	Any obstacles to us have been overcom		vice, such as access	sibility, equality, tech	nical, or territorial	
	Impact & Effort	Hi	gh	Lo	DW	
	GRI	High	High	High	High	
5.15	Conduct a full life-c	cycle assessment				
	Success Criterion					
	A life-cycle Assessifunction throughout	` '	n conducted to defin	e the requirements o	f your product's	
	Impact & Effort	Med	lium	Med	lium	
	GRI	Medium	Medium	Medium	Medium	
5.16	Provide a supplier s	standards of practice)			
	Success Criterion					
	The organization ha	as created specific p	olicies to vet potenti	al partners in its sup	ply chain based on	
	The organization ha		opliers to create, trac	ck, and measure coll	ective impact on	
	_	as promoted its partr ship creates a collec		v available place, alo	ng with information	
	Impact & Effort	Hi	gh	Hi	gh	

	GRI	High	High	High	High
5.17	Share any economi	c benefits			
	Success Criterion				
	The organization is living wage.	publicly committed	to paying employees	s, contractors, and o	ther stakeholders a
		as policies and pract meet its impact goa	ices in place to ince lls.	ntivize stakeholders,	such as workers
			mployees in accorda lanning, flex time, pr		_
	The organization advocates for responsible legislation that supports employment rights, transparency, and accountability related to sharing economic benefits.				
	Impact & Effort	Hi	gh	Hi	gh
	GRI	High	High	High	High
5.18	Share decision-mal	king power with app	ropriate stakeholders	S	
	Success Criterion				
		anagers) have the po	th key business obje ower and autonomy		•
	Impact & Effort	Lc	ow	Hi	gh
	GRI	Low	Low	Low	Low
		2011	LOW	LOW	LOW
5.19		, Diversity, Inclusion		LOW	Low
5.19		, Diversity, Inclusion		LOW	LOW
5.19	Use Justice, Equity Success Criterion The organization haprioritizes marginali	, Diversity, Inclusion as documented its contact or otherwise under		oractices with clear pities, including Black,	policies on how it
5.19	Use Justice, Equity Success Criterion The organization had prioritizes marginaling People of Color, LG The organization had	as documented its control of the con	(JEDI) practices commitment to JEDI processerved community	oractices with clear pties, including Black, eniors, and so on.	policies on how it Indigenous,
5.19	Use Justice, Equity Success Criterion The organization had prioritizes marginaling People of Color, LG The organization had a verified accessible The organization had how this topic man	as documented its continued or otherwise under BTQIA+, Women, Dies an accessibility poe website, applications	(JEDI) practices commitment to JEDI products and school products and services	practices with clear parties, including Black, eniors, and so on. acts and services and se.	policies on how it Indigenous, Indigenous, Indigenous this via
5.19	Use Justice, Equity Success Criterion The organization had prioritizes marginaling People of Color, LG The organization had a verified accessible. The organization had how this topic man economy work, missississississississississississississ	as documented its considered or otherwise und BTQIA+, Women, Dies an accessibility pose website, application as JEDI-related training ifests itself in digital as / disinformation, etc.	(JEDI) practices commitment to JEDI products and school products and services	practices with clear parties, including Black, eniors, and so on. acts and services and se. actedules ongoing workes (algorithmic bias,	colicies on how it Indigenous, Indigenous, Indigenous, Indigenous
5.19	Use Justice, Equity Success Criterion The organization had prioritizes marginaling People of Color, LG The organization had a verified accessible The organization had how this topic mand economy work, mis The organization catoperations. The organization acceptation acceptations.	as documented its contact of the con	(JEDI) practices commitment to JEDI products communities and some products and services. JEDI improvement of the sible legislation relations.	practices with clear parties, including Black, eniors, and so on. acts and services and se. nedules ongoing workes (algorithmic bias, over time in its hiring	policies on how it Indigenous, d can show this via rkshops related to digital divide, gig
5.19	Use Justice, Equity Success Criterion The organization had prioritizes marginaling People of Color, LG The organization had a verified accessible The organization had how this topic mand economy work, mis The organization catoperations. The organization acceptation acceptations.	as documented its contact of the con	(JEDI) practices commitment to JEDI products communities and service on the products are products and service on the products and service on the products are products.	practices with clear prices, including Black, eniors, and so on. acts and services and se. nedules ongoing workes (algorithmic bias, over time in its hiring ang to JEDI practices	policies on how it Indigenous, d can show this via rkshops related to digital divide, gig
5.19	Use Justice, Equity Success Criterion The organization had prioritizes marginaling People of Color, LG The organization had a verified accessible The organization had how this topic mane economy work, mis The organization can operations. The organization acceptated to digital process.	as documented its contact of the con	(JEDI) practices commitment to JEDI products communities and service on the products are products and service on the products and service on the products are products.	practices with clear prices, including Black, eniors, and so on. acts and services and se. nedules ongoing workes (algorithmic bias, over time in its hiring ang to JEDI practices	policies on how it Indigenous,
5.19	Use Justice, Equity Success Criterion The organization had prioritizes marginaling People of Color, LG The organization had a verified accessible The organization had how this topic man economy work, mis The organization can operations. The organization acceptated to digital profile.	as documented its continued or otherwise und as an accessibility pose website, application as JEDI-related training if ests itself in digital and show measurable divocates for response oducts and services. High	(JEDI) practices commitment to JEDI products communities and service on products and service on JEDI improvement of the sible legislation relations.	practices with clear prices, including Black, eniors, and so on. acts and services and se. nedules ongoing wores (algorithmic bias, over time in its hiring ang to JEDI practices	policies on how it Indigenous, Indigenous, Indigenous, Indigenous, Indigenous, Indigenous, Indigenous Indigeno

	The organization maintains a publicly accessible Privacy Policy, Terms and Conditions, or any other documents required by local law, that adhere to the most restrictive data protection regulations, especially when providing services outside the organization's country. These documents are available in accessible formats and use clear, user-friendly language to ensure comprehension by all visitors, avoiding jargon, technical language, and legalese. The organization also supports emerging legislation and implements best practices related to data privacy, sustainability, and responsible data management.				
	The organization can show measurable progress over time in respecting data privacy and ownership. This will include how the organization handles data disposal and a visitor's "right to be forgotten", along with ownership rights and providing the ability to download / export data they have contributed into a non-proprietary format.				
	Impact & Effort High Medium				
	GRI	High	High	High	High
5.21	Implement appropr	iate data manageme	ent procedures		
	Success Criterion				
	expiration dates an		t audits. An archiving	e archived and delete g schedule with a lig	
	Users can control, i	manage, and delete	their data, subscript	ions, and accounts.	
	Impact & Effort	Lo	DW	Hi	gh
	GRI	Low	Low	Low	Low
5.22	Promote and imple	ment responsible en	nerging technology p	oractices	
	Success Criterion				
	The organization has public-facing policies in place for emerging technologies, and all such technologies are ethically sourced, screened, validated, and implemented in a non-discriminatory,				
		hically sourced, scre	ened, validated, and	•	on-discriminatory,
	technologies are et responsible mannel	hically sourced, scre		hnologies and practi	-
	technologies are et responsible manner. The organization sh disrupt its business. The organization su	hically sourced, scre cows how it up-skills model.	workers as new tec	•	ces potentially
	technologies are ett responsible manner. The organization sh disrupt its business. The organization su emerging technolog. Organizations must derive from the use chosen setting. Also waste or emissions	hically sourced, screen. nows how it up-skills model. apports and complies gies (such as the EU consider, audit, and of emerging technoop note that this should of the utilization of	workers as new tech s with responsible le Al Act) I account for any enviogies they wish to e Ild include third-party	hnologies and practi gislation related to a vironmental consider ither promote or imp y choices, the "expe eate a desired result	ces potentially utomation and rations that may blement within a nse" (in terms of
	technologies are ett responsible manner The organization she disrupt its business. The organization suremerging technolog. Organizations must derive from the use chosen setting. Also waste or emissions issues to the environal Automated tooling, assisted data gather Providers must decided.	hically sourced, screen. Hows how it up-skills model. Hopports and complies gies (such as the EU consider, audit, and of emerging technor on the utilization of note that this shoul) of the utilization of note that may arise scrapers, spiders, being must abide by alare themselves as responses.	workers as new technical services with responsible lead AI Act) I account for any envilogies they wish to end include third-party the technology to cree from its deployment of the county and the control of the county and the control of the contr	hnologies and practi gislation related to a vironmental consider ither promote or imp y choices, the "expe eate a desired result	ces potentially utomation and rations that may plement within a nse" (in terms of and consequential as of machine-website level. ser-agent / HTTP
	technologies are ett responsible manner The organization she disrupt its business. The organization suremerging technolog. Organizations must derive from the use chosen setting. Also waste or emissions issues to the environal Automated tooling, assisted data gather Providers must decheader. Providers must decheader. Providers manner of the providers must decheader.	hically sourced, screen. Hows how it up-skills model. Hopports and complies gies (such as the EU consider, audit, and of emerging technor on the that this shoul) of the utilization of nment that may arise scrapers, spiders, being must abide by relare themselves as repust also publish impropulation.	workers as new technical services with responsible learn Al Act) I account for any envilogies they wish to end include third-party the technology to cree from its deployment of the technical intelligence and the property of the technical intelligence and the property relating the contract reports relating the services and the property relating the contract reports relating the services and the contract reports relating the contract reports as new technical responsibilities.	hnologies and practi gislation related to a vironmental consider either promote or imply y choices, the "expeleate a desired result ent.	ces potentially utomation and rations that may plement within a nse" (in terms of and consequential as of machine-website level. ser-agent / HTTP tivities.
	technologies are ett responsible manner The organization she disrupt its business. The organization suremerging technolog. Organizations must derive from the use chosen setting. Also waste or emissions issues to the environal Automated tooling, assisted data gather Providers must decheader.	hically sourced, screen. Hows how it up-skills model. Hopports and complies gies (such as the EU consider, audit, and of emerging technor on the utilization of nment that may arise scrapers, spiders, being must abide by relare themselves as repust also publish impropulation of later.	workers as new technical services with responsible learn Al Act) I account for any envilogies they wish to end include third-party the technology to cree from its deployment of the technical intelligence and the property of the technical intelligence and the property relating the contract reports relating the services and the property relating the contract reports relating the services and the contract reports relating the contract reports as new technical responsibilities.	hnologies and practi gislation related to a vironmental consider either promote or imply y choices, the "expeleate a desired result int. ence, and other form that the host, server, or questing within the unit to their gathering ac	ces potentially utomation and rations that may plement within a nse" (in terms of and consequential as of machine- website level. ser-agent / HTTP tivities.

5.23	Include responsible financial policies								
	Success Criterion								
	The organization has divested from fossil fuels and moved its banking, sponsorship, and other affiliations to more responsible partners.								
	The organization engages in flexible financing and responsible budgeting for its digital products and services to accommodate long-term care and maintenance.								
	Impact & Effort	High		High					
	GRI	High	High	High	High				
5.24	Include organizational philanthropy policies								
	Success Criterion								
	The organization has a clear corporate giving policy and creates philanthropic partnerships with strategically aligned organizations.								
	The organization engages in free or volunteer projects, which help its team learn new tools and tactics, while also helping charities and non-profit organizations build capacity.								
	Impact & Effort	High		Medium					
	GRI	High	High	High	High				
5.25	Plan for a digital product or service's care and end-of-life								
	Success Criterion								
	Clear, documented end-of-life guidelines exist that include data disposal, archiving, file deletion, etc guidance.								
	Impact & Effort	Medium		Medium					
	GRI	Medium	Medium	Medium	Medium				
5.26	Include e-waste, right-to-repair, and recycling policies								
	Success Criterion								
	The organization has specific policies in place to recycle e-waste and repair owned technology products whenever possible.								
	The organization has formed relationships with local partners for e-waste recycling and repair.								
	The organization buys refurbished equipment whenever possible.								
	The organization allows consumers to repair (to the best of their ability) the consumables they purchase, offering (if possible at cost) replacement components and provides clear instructions to resolve faults that occur.								
	Impact & Effort	High		Medium					
	GRI	High	High	High	High				
5.27	Define performance and environmental budgets								
	Success Criterion								

	The product team has defined, baselined, and documented clear sustainability and environmental budget criteria that cover the page, user-journey, and digital service levels and metrics (such as a CO2.js score) that are approved by relevant product stakeholders.							
	Tools such as a performance budget exist to determine the maximum size (goals) your app or website can weigh to reduce the data transfer and HTTP request impact (using metrics like Google Lighthouse).							
	KPIs are defined around engineering hours, development time, or sprints keeping the health and wellbeing of your workers paramount. Consideration has been taken around optimizing your workflow sustainably to allow all tasks to be performed with care.							
	The product team can measurably show how much the budgeting process improved performance and reduced emissions.							
	The product team invests in resources to build capacity and maintain the budgets over time.							
	Impact & Effort	Medium		Medium				
	GRI	Medium	Medium	Medium	Medium			
5.28	Use open source where possible							
	Success Criterion							
	The organization has a clear open source policy in place that outlines how it uses open source tools and the practices it supports surrounding open source development.							
	The organization has a track record of collaboration and community-building around open source principles.							
	The organization regularly contributes to open source community-based projects.							
	Impact & Effort	High		High				
	GRI	Medium	Medium	Medium	Medium			
5.29	Create a business continuity and disaster recovery plan							
	Success Criterion							
	The organization has created a plan of action that is regularly reviewed and occasionally tested to determine readiness in case of an incident and has procedures to quickly recover from such issues.							
	The organization regularly maintains transparent communication with its audience regarding issues that may affect service delivery or user data.							
	Impact & Effort	Low		Medium				
	GRI	Low	Low	Low	Low			