Web Sustainability Guidelines

Summary Table & Checklist

2.1	Display any variables that have a negative impact on your project						
	Success Criterion						
	Any negative external variables affecting a product or service are displayed in a publicly available resource, identifying where your product's sustainable impact can be diminished (systemic design).						
	Impact & Effort	Med	lium	Med	lium		
	GRI Medium Medium Medium Medium						
2.2	Understand visitor	requirements or cons	straints, resolving ba	arriers to access			
	Success Criterion						
	Primary and secondary target visitors are identified, and their needs are defined through quantitative or qualitative research, testing, or analytics, ensuring your visitors and affected communities remain a close part of the research and testing process.						
			ice age, operating sy ng user experiences	stem version, brows	ser, and connection		
	The team has researched and identified whether a technical, material, or human constraint might require an adapted version of the product or service that reduces barriers or improves access to content.						
	Barriers to access (user-research with		deceptive design pa	atterns) have been id	lentified in the		
				an equitable role in t ds, or conducting ite			
	Impact & Effort	Med	lium	Hiç	gh		
	GRI	Medium	Medium	Medium	Medium		
2.3	Understand the imp	pact of non-visitors					
	Success Criterion						
	passively impacted	by a digital product	or service, such as	ner stakeholders who neighbors accepting stand how they migh	parcels, traffic		
	Impact & Effort	Med	lium	Med	lium		
	GRI	Medium	Medium	Medium	Medium		
2.4	Consider sustainab	ility throughout the i	deation process				
	Success Criterion						

	Branding materials and assets approved during the ideation process must be created and optimized in line with sustainability best practices before internal or external deployment. This also applies to brand refreshes, rebranding, and later enhancements. Branding guidelines detailing the sustainability impact and best-practice deployment of materials and assets should be made publicly available.					
		oid prototyping are u urces needed to buil		ild consensus, reduc	e risk, and lower	
	conducting user-tes		ur community to hel	sing participatory de p improve your prod uct or service.		
	Impact & Effort	Lo	w	Lo	w	
	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		lude creating non-us	have been taken into sers, non-human (ani		
	Impact & Effort	Med	lium	Med	lium	
	GRI	Medium	Medium	Medium	Medium	
2.6	Minimize non-esser	ntial content, interact	tivity, or journeys			
	Success Criterion					
	efficient and as sim	ple as possible (time	required to comple	n the website or servi te an action displaye start of a complex se	ed, reducing too	
				service) should be as design patterns that		
	Visitors can comple	te tasks without dist	ractions or non-ess	ential features getting	g in the way.	
	Visitors see only infi being displayed on		ant to their experier	nce, without non-ess	ential information	
	Ensure that actiona visitor.	ble information such	as pop-up or moda	ıl windows can only l	oe initiated by the	
	Impact & Effort	Med	lium	Med	lium	
	GRI	Medium	Medium	Medium	Medium	
2.7	Use decorative des	ign with care				
	Success Criterion					
				operience, and unnectived (or rendered opti		

	Impact & Effort	Hiç	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 find what they need	-	gation menu with se	earch features that he	elp visitors easily			
	•	es better index webs	, .	anized and is regula elps visitors more qu	•			
	Implement a way for visitors to find out about new content and services.							
	Impact & Effort	Lo	W	Lo	w			
	GRI	Medium	Low	Medium	Low			
2.9	Be attentive rather	than distracting						
	Success Criterion							
	The visitor can easily control how (and when) they receive information to both improve attention and respect with the visitor.							
	Features that don't distract people or unnecessarily lengthen the time they spend using the product or service have a higher priority than others.							
	Avoid using infinite	scroll or related atte	ntion-keeping tactics	S.				
	Impact & Effort	Med	ium	Lo	w			
	GRI	Medium	Medium	Medium	Medium			
2.10	Use established de	sign patterns and ap	propriate componer	nts				
	Success Criterion							
				re needed. Where a ily recognized and u				
	Impact & Effort	Med	ium	Lo	ow .			
	GRI	Medium	Low	Medium	Low			
2.11	Avoid being manipu	lative or deceptive						
	Success Criterion							
	techniques, which r		to taking actions no	ve design, or unethic t necessarily in their				
		nting them when they		rly identified with the mic and ethical value	•			
	Remove unused an	d unconsented page	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	Hiç	gh	Med	lium		
	GRI	Low	Low	Low	Low		
2.12	Enable others to un	derstand and reuse	erstand and reuse your deliverables				
	Success Criterion						
		tput, including docu ow it to be reused in		upstream of the pro	ject and produced		
		and technical speci the project team and		ented so that deliver development team.	ables are		
	Developers have access to code comments and other View Source affordances which can reduce the burden to access, understand, maintain, and utilize production-ready code as this will reduce redundancy and foster an open source culture.						
	Impact & Effort	Med	lium	Hiç	gh		
	GRI	Medium	Medium	Medium	Medium		
2.13	Use a design system to prioritize interface consistency						
	Success Criterion						
	A design system is employed based on web standards and recognizable patterns to mutualize interface components and provide a consistent experience for visitors.						
	Impact & Effort	Lo	W	Med	lium		
	GRI	Medium	Low	Medium	Low		
	4.1.1	Write with purpose, in an accessible, easy-to-understand format					
2.14		in an accessible, ea	sy-to-understand fo	rmat			
2.14		in an accessible, ea	sy-to-understand fo	rmat			
2.14	Write with purpose, Success Criterion Content is written of	learly, using plain, in	clusive language de	rmat livered at an easy-to on inclusions as requ			
2.14	Write with purpose, Success Criterion Content is written or reading level consideration dyslexia). Content is formatte	elearly, using plain, in dering accessibility a	clusive language de nd internationalization	livered at an easy-to on inclusions as requ sluding a clear docun	uired (for example,		
	Write with purpose, Success Criterion Content is written or reading level consid dyslexia). Content is formatte visual hierarchy, hea	elearly, using plain, in dering accessibility and to support how peadings, bulleted lists ritized from the early	clusive language de nd internationalization ople read online, inc , line spacing, and s	livered at an easy-to on inclusions as requ sluding a clear docun	uired (for example,		
	Write with purpose, Success Criterion Content is written or reading level consid dyslexia). Content is formatte visual hierarchy, head SEO has been prior	elearly, using plain, in dering accessibility and to support how peadings, bulleted lists ritized from the early	clusive language de nd internationalization ople read online, inc , line spacing, and s design stages and t	livered at an easy-to on inclusions as requ cluding a clear docun o on.	nent structure, t or service's		
	Write with purpose, Success Criterion Content is written or reading level consid dyslexia). Content is formatte visual hierarchy, head SEO has been prior lifecycle to improve	elearly, using plain, in dering accessibility and to support how peadings, bulleted lists ritized from the early content findability.	clusive language de nd internationalization ople read online, inc , line spacing, and s design stages and t	livered at an easy-to on inclusions as requ cluding a clear docun o on. hroughout a product	nent structure, t or service's		
	Write with purpose, Success Criterion Content is written or reading level consid dyslexia). Content is formatte visual hierarchy, head SEO has been prior lifecycle to improve Impact & Effort GRI	elearly, using plain, in dering accessibility and to support how peadings, bulleted lists ritized from the early content findability.	clusive language de nd internationalization ople read online, inc , line spacing, and s design stages and t w	livered at an easy-to on inclusions as requ cluding a clear docun o on. hroughout a product	nent structure, t or service's		
	Write with purpose, Success Criterion Content is written or reading level consid dyslexia). Content is formatte visual hierarchy, head SEO has been prior lifecycle to improve Impact & Effort GRI	elearly, using plain, in dering accessibility and d to support how peradings, bulleted lists ritized from the early content findability.	clusive language de nd internationalization ople read online, inc , line spacing, and s design stages and t w	livered at an easy-to on inclusions as requ cluding a clear docun o on. hroughout a product	nent structure, t or service's		

	Resize, optimize, and compress each image (outside the browser), offering different sizes (for each image) for different screen resolutions.					
	Provide Lazy Loading to ensure image assets only load when they are required.					
	Let the visitor selec	t the display size, an	d provide the option	to deactivate image	es.	
		nagement and use pasion and file formats.		overall impact of imag	ges, with criteria	
	Impact & Effort	Hiç	gh	Lo	w	
	GRI	High	High	High	High	
2.16	All audio or video m	nust be optimized for	sustainability			
	Success Criterion					
	been determined, a	or sound (when it ad nd non-informative r een banned or remov	nedia (background r			
	-	ia according to the v wsers, and avoid em			ate format, ensure	
		g a lot of data to be o chind a facade (a nor				
	Let the visitor control media deactivation, giving a choice of resolutions; all while providing alternative resolutions and formats. Also increase visitor awareness by informing them of the length, format, and weight of the media.					
	Set up a media management and use policy to reduce the overall impact of audio and video, with criteria for media compression and file formats.					
	Impact & Effort	Hiç	gh	Med	lium	
	GRI	High	High	High	High	
2.17	Animation must be	proportionate and ea	asy to control			
	Success Criterion					
	Use animation only	when it adds value t	o a visitor's experie	nce, and not for dec	orative elements.	
		ay an appropriate nu device behavior. This				
	Allow visitors to sta	rt, stop, pause, or ot	herwise control anin	nated content.		
	Impact & Effort	Med	ium	Lo	w	
	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 / p	ore-installed) fonts a	s much as possible.		
		s, and the variants w			racters) are limited	

	Impact & Effort	Med	lium	Lo	ow .	
	GRI	Medium	Medium	Medium	Medium	
2.19	Suitable alternative	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 typeface system font as a ba		y) are subsetted and	offered as part of a	font stack with a	
	All images provide accessibility.	meaningful alternativ	ve text for screen rea	der 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	ct & Effort Medium Medium				
	GRI	Medium	Medium	Medium	Medium	
2.20	Provide accessible,	usable, minimal we	b forms			
	Success Criterion					
	Remove unnecessary forms and reduce form content to the bare minimum necessary to meet the visitor's needs and the organization's business goals. Clearly communicate why a form is necessary, what its value proposition is, how many steps it will take to complete, and what an organization will do with collected data (informed consent).					
			•	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	the visitor's journey			
	Success Criterion					
		is strictly necessary.		icing 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 in and so on. This will h		prompts and messa pectations.	iges that explain	
	Impact & Effort	Lo	W	Lo	w	
	GRI	Medium	Low	Medium	Low	
2.23	Reduce the impact	of downloadable or	physical documents			
	Success Criterion					
	lowest possible. Cr		esheet and test it wi	be designed to limit ith different types of		
	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	
	Clearly display the document name, a summary, the file size, and the format, allowing the visitor a choice if possible of both the format, and the language (if not the same as the web page). Furthermore, be sure to avoid embedding the document within Web pages (provide a direct link to download or view within the browser instead).					
	Impact & Effort	: Medium Low				
	GRI	Medium	Low	Medium	Low	
2.24	Policies and proces	ses must exist to ge	t stakeholders inves	ted		
	Success Criterion					
	and user-interface	components when ap	oplicable with real us	e and test new featur sers who represent v lisabilities, with diffic	arious stakeholder	
	The organization haviability.	s appropriately reso	urced these process	ses to support its Ion	g-term product	
	The organization ha	s training materials t	to onboard new prod	duct team members	to these practices.	
		gularly conducts extere 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 sec		been accounted for	ues have been ident at either monthly or o		
	Non-regression tes	ts are implemented f	or all important func	tionality.		

	Regression testing has been incorporated into each release cycle to ensure that new features don't introduce bugs or otherwise conflict with existing software functionality.					
	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).					
	Only data required to provide a streamlined and effective user-journey, put policies in place to ensure strict adherence, and comply with relevant accessibility policies and privacy laws, such as the General Data Protection Regulation (GDPR) are collected.					
	Impact & Effort	Med	lium	Lo	ow .	
	GRI	Medium	Medium	Medium	Medium	
2.27	Ensure features provide maximum value for their impact					
	Success Criterion					
		doption, and churn rand into future release	ates are monitored o	f product or service	features and their	
	Impact & Effort	Med	lium	Lo	OW .	
	GRI	Medium	Medium	Medium	Medium	
2.28	Verify that real-worl	d users can success	sfully use your work			
	Success Criterion					
	Usability testing has routinely measured		into product cycles	and the impact of th	ese tests is	
	Impact & Effort	Med	lium	Med	lium	
	GRI	Medium	Medium	Medium	Medium	
2.29	Check for compatib	oility or platform-spe	cific issues			
	Success Criterion					
		-	rices and software version			
	for as long as possi	ble and clearly com	ates is routinely avoid municating whether erformance) or corre	an update is evolutio	onary (large	
	-	ces older than five ye	ith weak, unstable, r ears to ensure comp			
			sponsive design) are ntent prioritization, a			

	A PWA has been either chosen or rejected based on whether it be more sustainable and compatible over a native mobile application.							
	Impact & Effort	Hi	gh	Med	ium			
	GRI	High	High	High	High			
3.1	Set goals based on	potential impact co	nsiderations					
	Success Criterion							
			act the environment and performance of the service, for example, HTTP nt 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	ium			
	GRI	Medium	Medium	Medium	Medium			
3.2	Remove unnecessa	ary or redundant info	rmation					
	Success Criterion							
	Remove unnecessary whitespace, comments, and other non-essential characters from code and data files to reduce file sizes and improve loading times. This applies to HTML, CSS, JavaScript, JSON, SVG, and other relevant file types.							
	Impact & Effort	Lo	Low					
	GRI	Low	Low	Low	Low			
3.3	Modularize bandwi	dth-heavy compone	nts within projects					
	Success Criterion							
		idth-heavy compone be loaded only wher		ack-end into smalle	r, modular			
	Impact & Effort	Med	lium	Lo	W			
	GRI	Medium	Medium	Medium	Medium			
3.4	Tree shaking should	d be used to remove	unnecessary code					
	Success Criterion							
	Success Criterion							
		te unused and dead	code within CSS an	d JavaScript.				
		te unused and dead		d JavaScript. Med	ium			
	Identify and elimina			•	ium Medium			
3.5	Identify and elimina Impact & Effort GRI	Mec	lium Medium	Med				
3.5	Identify and elimina Impact & Effort GRI	Medium uplication in code sh	lium Medium	Med				

	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.				
		vaScript, use an orga ement and output o		and systems like DF	RY and WET to
	Impact & Effort	Med	dium	Med	lium
	GRI	Medium	Medium	Medium	Medium
3.6	Third-party services	s should be assesse	d as first parties		
	Success Criterion				
	as early in the ideat	tion or creation proc	ess as possible and	s, carousels, etc) ha as few of them are u acluding Scope 3 em	sed as possible to
	loads or requests re be placed behind a	esources or function click-to-load delay	ality from a location screen (using the "in	s, carousels, chat wide outside of the primal of the prima	ry location, should pattern), while
		and JavaScript fran ame goal cannot be		used if a more perfo	rmant alternative
	Self-hosted conten	t has been prioritized	d over embedded co	ontent from third-part	y services.
			ave been created, rathin your product or	ather than relying on service.	third-party
	that cannot be com- provide benefits to creating the produc with cookies, webs	trolled or managed k a website, the need of or service but also ites or applications of ures (with explanatio	by the first-party proving to justify their inclusing be able to be controlled provide a similar	e often a source of so vider of a service. What ion must be made no olled by the consume mechanism of disab unless such feature	nile many do ot only by those er. As showcased oling or refusing
	Impact & Effort	Hi	gh	Med	lium
	GRI	High	High	High	High
3.7	Code must follow g	good semantic practi	ices		
	Success Criterion				
	Content must be ad	ccurately marked up	according to the rele	evant standard(s).	
	Remove optional HTML tags, attribute quotes, and default attributes only when they do not negatively impact functionality, accessibility, or readability. Retain them when they enhance accessibility, maintain clarity (without compromising on performance), or ensure consistent browser rendering.				
	Avoid using non-sta	andard elements or a	attributes.		
	Components if you		HTML elements or	use custom elements if you need tightly re	
	Impact & Effort	Med	dium	Med	lium
	GRI	Medium	Medium	Medium	Medium

3.8	Render blocking should be resolved							
	Success Criterion							
	All external assets has Content (FOUC).	nave been deferred o	or set to async (unles	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)W			
	GRI	Medium Medium Medium Medium						
3.9	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	ia have been optimiz	zed.			
	Search engines are	not obstructed, whi	le ill-intentioned robo	ots and scripts are b	locked.			
	Accessibility and us	sability aids are prov	ided to find content,	such as skip links a	nd signposts.			
	Impact & Effort	Lo	DW	Lo)W			
	GRI	Low	Low	Low	Low			
3.10	Forms must validate for errors, accounting for tooling requirements							
	Success Criterion							
	Errors are identified through live validation as well as upon submission.							
			and labeled (for the onal elements (if unr	benefit of voice tool necessary) removed.	s such as screen			
	Always allow the pa	asting of content (inc	cluding passwords) fi	rom external sources	S.			
	Impact & Effort	Med	lium	Lo)W			
	GRI	Medium	Medium	Medium	Medium			
3.11	Metadata is structu	red for machine read	dability					
	Success Criterion							
	Include the required	l title element, plus a	any optional HTML h	ead elements (such	as link).			
				and social networks itiative (DCMI), Friend				
	Use Microdata, Strustured data form		na), or Microformats	in content for which	a widely used			
	Impact & Effort	Med	lium	Lo	DW			
	GRI	Medium	Medium	Medium	Medium			
3.12	Sustainable CSS us	ser preference media	queries are used					
	Success Criterion							

	reduced-transparer your website or app	ly the monochrome, prefers-contrast, prefers-color-scheme, prefers-reduced-data, prefers-ced-transparency, and prefers-reduced-motion CSS preference queries if they will benefit website or application. Use the print & scripting CSS media queries if they will improve the ainability of your website.					
	Impact & Effort	Medium		Low			
	GRI	Medium	Medium	Medium	Medium		
3.13	Layouts work acros	s devices and requir	rements				
	Success Criterion						
	including mobile, do functionality are acc without limiting acc	esktop, smart TVs, a cessible and optimiz essibility, usability of allback strategies to	nd other emerging ped on both smaller redesign on any spec	s a variety of devices platforms. Ensures the nobile screens and la cific device type. It is site or application wi	at content and arger displays essential to		
				used, such as Adapti erall sustainability thi			
	To maximize the use of renewable energy, adapt your website or service to electricity availability using carbon-aware design techniques. This should include using situational design to reduce the codebase disable non-essential functionality during high-intensity periods or adapting the user-interface to perform better in situations where scaling hardware resources can be avoided to reduce emissions. It can also include designing algorithms that can auto-disable features based on set thresholds.						
	Support other indirect methods of interaction such as voice (speech), code (QR, etc), reader view (browser, application, or RSS), or connected technology (watch, appliance, transport, etc).						
	Impact & Effort	Medium Low					
	GRI	Medium	Low	Medium	Low		
3.14	Use beneficial Java	Script and its APIs					
	Success Criterion						
	Improve sustainabil	ity through accessib	le and performant co	ode implementations	5.		
				us, Compression Stre by of your website or			
	When using an API, unrequired data is s		call it when necessa	ary. On the other side	e, make sure no		
	Impact & Effort	Hig	gh	Med	ium		
	GRI	High	High	High	High		
3.15	Ensure that your so	ripts are secure					
	Success Criterion						
	Check the code for	vulnerabilities, explo	oits, header issues, a	and code injection.			
	Impact & Effort	Med	lium	Med	ium		
	GRI	Medium	Medium	Medium	Medium		

3.16	Dependencies are appropriately used and maintained					
	Success Criterion					
	when they are not r		for unused depende	cript libraries to run lo encies and uninstallin		
	downloaded and pa	arsed by the browser package size, and w	r. Consider whether	mount of JavaScript you can use a native odules can be installe	JavaScript API	
	Regularly check de	pendencies and kee	p them up-to-date.			
	Impact & Effort	Med	lium	Lo	ow	
	GRI	Low	Low	Low	Low	
3.17	Include expected a	nd beneficial files				
	Success Criterion					
		nally, ensure that an		omanifest, and sitem in future web standa		
	Include beneficial files such as ads.txt, carbon.txt, humans.txt, security.txt. Additionally, ensure that any such files defined in future web standards or specifications are included.					
	Impact & Effort	Low				
	GRI	Low	Low	Low	Low	
3.18	Avoid using deprec	ated, proprietary, or	outdated code			
	Success Criterion					
	up-to-date, widely may be used to me	recognized standard et a documented cu such as compatibility	s that offer equivale stomer need only if	its and web standard nt or improved functi there is a justifable b nissions reduction). A	ionality. Such code enefit that cannot	
	Impact & Effort	Lo)W	Med	lium	
	GRI	Low	Low	Low	Low	
3.19	Use the most efficient	ent solution to imple	ment your service			
	Success Criterion					
	simpler technologic footprint. A prebuilt	al implementation mas 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	l have a smaller uce more	
	solution is actively therefore, use nativ	maintained, it may be	e better optimized the file systems to a WY	ng 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 gularly audited over t		
				special attention in te performance of such		
	Impact & Effort	Med	lium	Med	lium	
	GRI	Medium	Medium	Medium	Medium	
3.20	Use the latest stabl	e language version				
	Success Criterion					
	Use the latest build	of your chosen synt	ax language and its	coupled framework.		
	languages are optir the problem, espec	nized for performing ially if there is a reas	particular tasks, and onable visitor base i	. Many tools and productilizing those mosinvolved justifies the gof those involved o	t appropriate to time and effort, as	
	Impact & Effort	Med	lium	Medium		
	GRI	Medium	Medium	Medium	Medium	
3.21	Take advantage of native features and functionality					
		Success Criterion				
	Success Criterion					
		s, APIs, and features	s over writing your o	wn.		
				wn. Lo	ow.	
	Use native function	s, APIs, and features			ow Medium	
3.22	Use native function Impact & Effort	s, APIs, and features Med Medium	lium	Lo		
3.22	Use native function Impact & Effort GRI	s, APIs, and features Med Medium queries as possible	lium	Lo		
3.22	Use native function Impact & Effort GRI Run fewer, simpler 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	lium Medium a database, and youe, access the databa	Lo	Medium ely to be core the data locally	
3.22	Use native function Impact & Effort GRI Run fewer, simpler of the success Criterion If you need informate requested) more that for subsequent pro-	s, APIs, and features Medium queries as possible tion that is stored in an once in your code cessing. Also, avoid	Medium Medium a database, and you a, access the databa reliance on framewo	Medium u require it (or it's like use only once, and st	Medium ely to be core the data locally t defer filtering to	
3.22	Use native function Impact & Effort GRI Run fewer, simpler of the success Criterion If you need informate requested) more that for subsequent proclater on in the process.	s, APIs, and features Medium queries as possible tion that is stored in an once in your code cessing. Also, avoid ess.	Medium Medium a database, and you a, access the databa reliance on framewo	Medium u require it (or it's like use only once, and stork helpers that migh	Medium ely to be core the data locally t defer filtering to	
3.22	Use native function Impact & Effort GRI Run fewer, simpler of the success Criterion If you need informat requested) more that for subsequent proclater on in the process Impact & Effort GRI	s, APIs, and features Medium queries as possible tion that is stored in an once in your code cessing. Also, avoid ess. Med	Medium Medium a database, and you e, access the databa reliance on framewo	Medium u require it (or it's like ase only once, and stork helpers that migh	Medium ely to be ore the data locally t defer filtering to	

	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.						
		ged responsibly by lure it is certified, and		possible, using it as espan products.	efficiently as		
	Waste (including ed	quipment) is recovere	ed, recycled, and upo	cycled.			
	by wind or solar rat	her than from non-re	enewable sources). F	sible carbon intensity For example, Renewa stricity comes directly	able Energy Credits		
	reduce them and of sustainable, therefore environmentally via	nly compensate for to bre 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		
		ain names is disclos tigate against these		registrars, and regist s.	rants consider and		
	Impact & Effort	Hi	High Medium				
	GRI	Low	Low	Low	Low		
4.2	Optimize caching w	vith offline access su	pported				
	Success Criterion						
	Otherwise, use the expiration using ex or Varnish. If using static pages so tha required static asse	provided server con pires or cache-contr a language or frame t they can be reused	figuration files to inc ol, utilizing tooling w work that generates for future visitors. A where possible to re	ble on-the-fly server- lude and tweak the f here appropriate suc pages on request, c lso remember to cac duce repeat server r blogies.	ile-type cache th as Memcached, ache responses for the frequently		
	Client-side JavaScript uses a combination of ServiceWorkers, WebWorkers, storage Application Programming Interfaces (APIs), or cookies (if necessary) to streamline the user-journey. For example, through the use of a PWA (Progressive Web Application) to ensure that an offline version is available and accessible at all times to reduce inequality and improve accessibility.						
	Impact & Effort	Hi	gh	Hi	gh		
	GRI	Medium	High	Medium	High		
4.3	Compress files who	ere it is beneficial					
	Success Criterion						
	Brotli or GZIP. Other		ded server configura	-fly server-side com tion files to include a			
				reducing the quality a server or content			

	Impact & Effort	High		Low			
	GRI	Low Low		Low			
4.4	Setup necessary er	ror pages and redire	ction links				
	Success Criterion						
	-	nsuring links are corr r each error type to e d.		-			
		subdomains, and pa fix them. A redirect od.					
	Impact & Effort	Lo	w	Lo	ow		
	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	Medium Low				
	GRI	Low Low Low					
4.6	Allow automation b	ut ensure it is tightly	regulated				
	Success Criterion						
		k, such as deployme continuous integration			itically, as		
	To reduce wasted p	processing cycles, ev	ery automated task	is only run when nee	eded.		
		infrastructure is used ttling is implemented			of the web server		
	Web browsing from bots has been steadily increasing in recent years. As such, it is a growing concern for security, performance, and sustainability. Use security tools that automatically block bad actors and minimize bad behavior. This results in substantially less load on the server, fewer logs, less data, less effect due to compromise, and more. The result of compromised websites is a large increase in HTTP, email, and other traffic as malicious code attempts to infiltrate other resources and exfiltrate data. Compromised websites are typically identified by anomalous patterned behavior.						
	Impact & Effort	Hiç	gh	Med	lium		
	GRI	Low	Low	Low	Low		
4.7	Define the frequence	cy of data refreshes					
	Success Criterion						
	The frequency for redepending 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 b	oth incremental and	secure.			
	Impact & Effort	Lo	ow	Lo	ow		
	GRI	Low	Low	Low	Low		
4.9	Consider the impac	ct and requirements	of processing inform	ation			
	Success Criterion						
		ical processes and cunder a given thresh		batched and launch	ed only when		
	using insecure prot for visitors (HTTPS,	n protocols used are ocols (HTTP, FTP), a , SSH). Modern prot keeping backward-o	nd prioritize more ef ocols such as HTTP	ficient and privacy-a /2 should be used to	ware data routes		
	When creating products or services that utilize state changes (without triggering a complete refresh), if the utilization of Event-Driven Architecture and Microservices will be more environmentally friendly (based on the PPP variables involved) than traditional APIs in handling the server-side workload of your solution, use it.						
	Redundant processing should be avoided wherever possible. When processing of data is required, whether such processing and / or delivery should occur from either the client or server-side must be determined based on efficiency, performance, and sustainability metrics (before implementation).						
	Impact & Effort	Med	dium	Med	dium		
	GRI	Low	Low	Low	Low		
4.10	CDN use must be p	proportionate and su	stainable				
	Success Criterion						
	pre-generated reso	a globally distributed urces in a fast and e also another layer of	fficient manner. Altho	ough they definitely	can increase		
	Verify that the CDN provides a commitment to sustainability.						
	A hosting provider was chosen with servers located close to the visitor, considering that if you only serve a local audience, the need for distributed content (CDNs) that duplicate your materials globally may not be worthwhile.						
	a first-party host) as browser mechanics interact, and the po	ce to host dynamic / s due to cache partit s, any benefits are ne stential introduction of N or other static asse	tioning, cross-origin egated by weaker pe of security and priva	resource sharing (Co rformance, the inabi	ORS), and other lity to cache or		
	transferred, and CF	sed between the layer PU cycles for (de)seri the source to reduce	alization. Wherever	oossible, data transf	ormations must be		

	Impact & Effort	Medium		Low			
	GRI	Low Medium		Low	Medium		
4.11	Infrastructure decisions must meet business 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	Med	lium	Med	lium		
	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	cation / tagging polic	y to make it easier to	o find, handle, and re	emove.		
	Store data only who	en it is difficult to rec	reate.				
		tion, storage (off-site al backup providers.	•	eduling during low-ad	ctivity hours and		
	Ensure long-term a	ssets, especially tho	se of a large size, ar	e made available for	download.		
	Impact & Effort	Lc)W	Lc)W		
	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		
	Evidence is provided by the organization showing how it effectively governs implemented digital sustainability, climate policies, and related PPP practices over time.						
	_	workshops are prov implements more si		tion for onboarding i trategies.	new team		
				torytelling, document awareness with your			
	The organization ca	an show how it powe	ers digital products a	and services with ren	ewable energy.		
	Impact & Effort	Hi	gh	Hi	gh		

5.2 Assign a sustainability representative Success Criterion An ecological referee (with specific digital expertise) for the product or service within your	ligh						
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, but the services of the product or service within your organization has been assigned and empowered with the tools they require (resources, but the product or service).							
organization has been assigned and empowered with the tools they require (resources, b							
	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,						
Impact & Effort Medium Low							
GRI Medium Medium Medium Me	dium						
5.3 Inform, raise awareness, and train for sustainability							
Success Criterion							
All project stakeholders, including product teams, colleagues, and organizational decision (managers and clients) are informed about and trained in both general and digital climate including your business's use of sustainable technology.							
Active and routine training is delivered where possible to develop, establish, and refresh sustainability. This can be undertaken through in-house training, courses, workshops, every webinars, meetups, or other ongoing or on-demand methods to empower your team to desurt sustainability objectives.	ents,						
	Stakeholders have been actively encouraged to reduce their environmental impact, share climate and sustainable initiatives and ideas, and resources on sustainable design, best practices, and concepts are provided to assist with this task						
Impact & Effort Medium Medium							
GRI Medium Medium Medium Me	dium						
5.4 Communicate the ecological impact of user choices							
Success Criterion							
The ecological implications of visitor choices have been clearly communicated and visito configure settings based on those choices.	rs can						
Impact & Effort Medium Medium							
GRI Medium Medium Medium Me	dium						
5.5 Estimate a product or service's environmental impact							
Success Criterion							
A full life-cycle Analysis based on the functional unit defined in Guideline 5.15 has been conducted.							
The environmental impact of your or a competitor's current service to inform decision-mapotential target goal) has been calculated	aking (as a						
When identifying the environmental impact of your product or service, you must include t (or estimates of) of any tooling used to create the product or service along with any third-solutions utilized in the pipeline. While not created by you, the emissions they generate fr production to maintenance are considered integral to your overall solution.	party						
Impact & Effort Medium Medium							
GRI Medium Medium Medium Me	dium						

5.6	Define clear organizational sustainability goals and metrics					
	Success Criterion					
	communicates how		oals, including which	ustainability goals. It performance metric		
	Impact & Effort	Lo	ow .	Med	lium	
	GRI	Low	Low	Low	Low	
5.7	Verify your efforts u	sing established thir	d-party business cer	rtifications		
	Success Criterion					
		as achieved one or many and practices to su		nability certifications	and incorporated	
	The organization ma	aintains its certificati	on through evolving	policies and practice	es over time.	
	Impact & Effort	Med	lium	Med	lium	
	GRI	Medium	Medium	Medium	Medium	
5.8	Implement sustaina	bility onboarding gu	idelines			
	Success Criterion					
	policies and practic	es it follows and how		s, 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	kternal variables on t	he service, and	
	Impact & Effort	Hi	gh	Medium		
	GRI	High	High	High	High	
5.9	Support mandatory	disclosures and rep	orting			
	Success Criterion					
	The organization has created and published policies and practices for disclosing the human and environmental impacts of its products, services, policies, and programs in line with existing reporting standards such as GRI Performance, SASB, etc.					
	The organization produces a publicly available impact report outlining its progress against previous reports on human and environmental goals at least once per year.					
	and legislative police	by that promotes mai er human and enviro	ndatory disclosures	or emerging environ and reporting for em s impact reporting, r	issions. This is	
			t reduces its environata, or other manipul	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	Hi	gh	Med	dium		
	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 hat it manages.	s maintenance / sec	curity plans in place	for all the digital prod	ducts and services		
	refactoring code, a	ddressing technical	debt, new product fe	e via staffing and bud eatures, ongoing test stomers, visitors, and	ting, and product		
	_	corporates carbon a ole improvement ove		ement into maintena	nce programs and		
			d documented Key F sustainability impacts	Failure Indicators (KF s from occurring.	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	le continuous impro fforts over time.	vement and has		
	Agile sprints and update frequency have gone through a review process to ensure project teams have enough time to conduct user-research, identify technical debt, and produce quality output.						
	A track record of continuous improvement (iteration) usage to analyze your website or application while also addressing the by-products and potential consequences of ongoing experimentation, such as technical debt, product performance, emissions, and related issues is clearly visible. Analytics are limited to only necessary features to aid with decision-making, encouraging visitor feedback, and comparing performance against business goals and visitor needs.						
	elimination of unuse		unvisited pages thro	onality, and the deco ough the product's lif			
	_			r service lifecycle are evolutionary updates	•		

	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	Hiş	gh	High			
	GRI	High	High	High	High		
5.13	Document future up	odates and evolution	S				
	Success Criterion						
	Adding, updating, of the product or se		are considered whe	re appropriate to the	user experience		
	Impact & Effort	Lo	w	Lo)W		
	GRI	Low	Low	Low	Low		
5.14	Establish if a digital	product or service is	s necessary				
	Success Criterion						
		vice identifies within a appropriate targets.	_	ement where it aligns	with one of the		
	The product or service has been determined as necessary based upon desirability, feasibility, and viability factors.						
	No existing digital product or service offers the same value. An analysis has been conducted if necessary to understand the market for this requirement.						
	Any obstacles to us have been overcom		vice, such as access	sibility, equality, tech	nical, or territorial		
	Impact & Effort	Hi	gh	Lo)W		
	GRI	High	High	High	High		
5.15	Conduct a full life-o	cycle assessment					
	Success Criterion						
	A life-cycle Assessifunction throughout	, ,	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 has created specific policies to vet potential partners in its supply chain based on PPP principles.						
	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		
		High High					

	GRI	High	High	High	High		
5.17	Share any economic 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		ntivize stakeholders,	such as workers		
		ovides benefits to er althcare, retirement p	• •		•		
	_	dvocates for respons accountability related	_		nt rights,		
	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						
	The project team's goals are aligned with key business objectives, and project stakeholders (for example, project managers) have the power and autonomy to make key decisions on the organization's behalf.						
	Impact & Effort	Low High					
					5		
	GRI	Low	Low	Low	Low		
5.19		Low , Diversity, Inclusion	-				
5.19		, Diversity, Inclusion	-				
5.19	Use Justice, Equity Success Criterion The organization haprioritizes marginali	, Diversity, Inclusion	(JEDI) practices Dommitment to JEDI processerved community	Low practices with clear prices, including Black,	Low policies on how it		
5.19	Use Justice, Equity Success Criterion The organization ha prioritizes marginali People of Color, LG The organization has	, Diversity, Inclusion as documented its contact or otherwise under	(JEDI) practices commitment to JEDI produced communities abled, Veterans, Second for digital produced.	Low practices with clear prices, including Black, eniors, and so on.	Low 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 possibility possib	(JEDI) practices commitment to JEDI products and school products and services	Low practices with clear prices, including Black, eniors, and so on. acts and services and se. nedules ongoing work	Low policies on how it Indigenous, d can show 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, missing properties.	as documented its contact of the con	(JEDI) practices commitment to JEDI production of the product of the product of the product of the products and service of the products and service of the products of the product of the	Low practices with clear parties, including Black, eniors, and so on. acts and services and sec. medules ongoing workes (algorithmic bias,	Low colicies 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 school, product, or services and services. JEDI improvement of the services and servi	Low practices with clear parties, including Black, eniors, and so on. acts and services and see. medules ongoing workes (algorithmic bias, power time in its hiring)	Low colicies on how it Indigenous, d can show this via rkshops related to digital divide, gig , leadership, and		
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 school, products and services. JEDI improvement of the services and services and services.	Low 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 and to JEDI practices)	Low colicies on how it Indigenous, d can show this via rkshops related to digital divide, gig , leadership, and		
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, mister 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 school, products and services. JEDI improvement of the services and services and services.	Low 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 and to JEDI practices)	Low colicies on how it Indigenous, d can show this via rkshops related to digital divide, gig , leadership, and , especially as		
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, mister The organization can operations. The organization acceptated to digital professional profe	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 are products and service on the products are products	Low practices with clear pries, including Black, eniors, and so on. acts and services and se. nedules ongoing wores (algorithmic bias, over time in its hiring and to JEDI practices Hi	Low colicies on how it Indigenous, d can show this via rkshops related to digital divide, gig , leadership, and , especially as		

	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.					
	ownership. This wil forgotten", along w	l include how the org	ganization handles d and providing the at	in respecting data pr ata disposal and a v pility to download / e	isitor's "right to be	
	Impact & Effort	Hi	gh	Med	lium	
	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 delet g schedule with a lig		
	Users can control,	manage, and delete	their data, subscript	ions, and accounts.		
	Impact & Effort	Lo)W	Hi	gh	
	GRI Low Low Low					
5.22	Promote and imple	ment responsible en	nerging technology p	practices		
	Success Criterion					
		hically sourced, scre		rging technologies, a d implemented in a n		
	The organization sh disrupt its business		workers as new tec	hnologies and practi	ces potentially	
		ipports and complied gies (such as the EU		gislation related to a	utomation and	
	Organizations must consider, audit, and account for any environmental considerations that may derive from the use of emerging technologies they wish to either promote or implement within a chosen setting. Also note that this should include third-party choices, the "expense" (in terms of waste or emissions) of the utilization of the technology to create a desired result and consequential issues to the environment that may arise from its deployment.					
	Automated tooling, scrapers, spiders, bots, Artificial Intelligence, and other forms of machine-assisted data gathering must abide by requests to opt out at the host, server, or website level. Providers must declare themselves as non-human when requesting within the user-agent / HTTP header. Providers must also publish impact reports relating to their gathering activities.					
	Don't roll out post-on harvest now, decry		for high-traffic service	ces that don't need r	resilience against	
	Impact & Effort	Hi	gh	Med	lium	
	GRI	High	High	High	High	

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			