Web Sustainability Guidelines 1.0

Summary Table & Checklist

2.1	Undertake Systemic Impacts Mapping						
	Success Criterion						
	List the negative external variables and identify where your product's sustainable impact can be diminished (systemic design).						
	Impact & Effort	Med	lium	Med	lium		
	GRI	Medium	Medium	Medium	Medium		
2.2	Assess and Resear	ch Visitor Needs					
	Success Criterion						
	quantitative or qual		ing, or analytics, ens	eir needs are defined suring your visitors a g process.			
		nstraints like the devi ered when designing		ystem version, brows	ser, and connection		
				l, material, or human duces barriers or imp	•		
	In the user-research dark / deceptive de		visitors if some barrie	ers should be remove	ed (pain points or		
	_			ng iterative design wo n the decision-makin			
	Impact & Effort	Med	lium	Hi	gh		
	GRI	Medium	Medium	Medium	Medium		
2.3	Research Non-Visit	or's Needs					
	Success Criterion						
	Consider and work with non-users and other stakeholders who might be passively impacted by a digital product or service, such as neighbors accepting parcels, traffic jams due to deliveries, etc. Research their needs and understand how they might be affected.						
	Impact & Effort	Med	lium	Med	lium		
	GRI	Medium	Medium	Medium	Medium		
2.4	Consider Sustainab	oility in Early Ideation					
	Success Criterion						
		and rapid prototypings s needed to build fe		nsensus, reduce risk	x, and lower the		

	Involve your users 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	Low		Lo	ow .		
	GRI	Low	Low	Low	Low		
2.5	Account for Stakeholder Issues						
	Success Criterion						
	In the brainstorming	g process, consider	all stakeholders usin	g a human-centered	approach.		
	In the brainstorming	g process, take the p	planetary needs and	ecological boundarie	es into account.		
	Impact & Effort	Med	dium	Med	lium		
	GRI	Medium	Medium	Medium	Medium		
2.6	Create a Frictionles	s Lightweight Exper	ience by Default				
	Success Criterion						
	efficient and as sim	ple as possible (time	e required to comple	n the website or servite an action displaye start of a complex se	ed, reducing too		
				ite or service) as smo atterns which people			
	Visitors can comple	ete tasks without dis	tractions or non-ess	ential features getting	g in the way.		
	Visitors see only inf being displayed on		vant to their experier	nce, without non-ess	sential information		
	Ensure that actiona visitor.	ble information such	n as pop-up or moda	ıl windows can only l	be initiated by the		
	Impact & Effort	Med	dium	Med	lium		
	GRI	Medium	Medium	Medium	Medium		
2.7	Avoid Unnecessary	or an Overabundan	ce of Assets				
	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 Navigation a	and Way-Finding Are	e Well-Structured				
	Success Criterion						
	Provide an accessil find what they need		igation menu with se	earch features that he	elp visitors easily		

	Implement an efficient (human-readable) sitemap that is organized and regularly updated helps search engines better index website content, which helps visitors more quickly find what they are looking for.						
	Provide a way for visitors to find out about new content and services.						
	Impact & Effort	Lo	ow .	Lo	DW		
	GRI	Medium Low Medium Low					
2.9	Respect the Visitor's Attention						
	Success Criterion						
	Respect a visitor's information.	attention by allowing	them to easily cont	rol how (and when) t	hey receive		
	Prioritize features the product or servi		ople or unnecessarily	y lengthen the time t	hey spend using		
	Avoid using infinite	scroll or related atte	ntion-keeping tactics	S.			
	Impact & Effort	Med	lium	Lo	DW		
	GRI	Medium	Medium	Medium	Medium		
2.10	Use Recognized De	esign Patterns					
	Success Criterion						
			ole at the time they a patterns) that are eas				
	Impact & Effort	Med	lium	Lo	ow		
	GRI	Medium	Low	Medium	Low		
2.11	Avoid Manipulative	Patterns					
2.11	Avoid Manipulative Success Criterion	Patterns					
2.11	Success Criterion Avoid what are comtechniques, which recommended in the company of the company	nmonly known as da	rk patterns, deceptivento taking actions no not purchase, etc).				
2.11	Avoid what are come techniques, which right click, no-copy	nmonly known as da manipulate visitors ir , requiring an accour d sponsorships are b ting them when the	nto taking actions no	t necessarily in their	best interest (anti-		
2.11	Avoid what are come techniques, which recomp techniques, which recomp techniques, which recomp techniques, which recomp techniques, one-copy advertisements and service, only presere diminish a visitor's service.	nmonly known as da manipulate visitors ir , requiring an accour d sponsorships are b ting them when the	nto taking actions no nt to purchase, etc). noth ethical and clear y provide real econo	t necessarily in their	best interest (anti-		
2.11	Success Criterion Avoid what are comtechniques, which right click, no-copy Advertisements and service, only preserdiminish a visitor's Remove unused an Optimization for sealed with good codir to gain greater prior	nmonly known as da manipulate visitors in requiring an account d sponsorships are bating them when the experience. d unconsented page arch engines, social ag practices and use rity through obfusca	nto taking actions no nt to purchase, etc). noth ethical and clear y provide real econo	rly identified with the mic and ethical value party services shoul he focus, not manip websites, or applica	e product or e and don't d be organically ulating the services		
2.11	Success Criterion Avoid what are comtechniques, which right click, no-copy Advertisements and service, only preserdiminish a visitor's Remove unused an Optimization for sealed with good codir to gain greater prior	nmonly known as da manipulate visitors in requiring an account d sponsorships are bating them when the experience. d unconsented page arch engines, social ag practices and use rity through obfusca	nto taking actions no nt to purchase, etc). noth ethical and clear y provide real econo- e tracking. networks, and third- er-experience being the ting content, pages, d (to the visitor) mate	rly identified with the mic and ethical value party services shoul he focus, not manip websites, or applications.	e product or e and don't d be organically ulating the services		
2.11	Success Criterion Avoid what are comtechniques, which right click, no-copy Advertisements and service, only preserdiminish a visitor's Remove unused an Optimization for sealed with good codir to gain greater prior redundancy or non-	nmonly known as damanipulate visitors in requiring an account sponsorships are buting them when the experience. If a unconsented page arch engines, social arg practices and userity through obfuscar-useful and optimize	nto taking actions no nt to purchase, etc). noth ethical and clear y provide real econo- e tracking. networks, and third- er-experience being the ting content, pages, d (to the visitor) mate	rly identified with the mic and ethical value party services shoul he focus, not manip websites, or applications.	best interest (anti- e product or e and don't d be organically ulating the services tions with		
2.11	Avoid what are come techniques, which recome to generate and service, only presend diminish a visitor's remove unused and the compact of the compa	nmonly known as da manipulate visitors in requiring an account sponsorships are betting them when the experience. If the discount is a constant of the experience is a constant of the experi	nto taking actions no nt to purchase, etc). noth ethical and clear y provide real econo e tracking. networks, and third- er-experience being the ting content, pages, d (to the visitor) mater	rly identified with the mic and ethical value party services shoul he focus, not manip websites, or applica erial.	best interest (anti- e product or e and don't d be organically ulating the services tions with		

	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.				
	Design functionality and technical specifications are documented so that deliverables are comprehensible by the project team and transferable to the development team.				
	can reduce the burd	den in order to acces		d other View Source antain, and utilize proculture.	
	Impact & Effort	Med	lium	Hi	gh
	GRI	Medium	Medium	Medium	Medium
2.13	Use a Design Syste	m To Prioritize Interf	ace Consistency		
	Success Criterion				
			standards and reco	gnizable patterns to s.	mutualize interface
	Impact & Effort	Lo	ow .	Med	lium
	GRI	Medium	Low	Medium	Low
2.14	Write With Purpose	, in an Accessible, E	asy To Understand F	ormat	
	Success Criterion				
	Write clearly using plain, inclusive language delivered at an easy-to-understand reading level considering accessibility and internationalization inclusions as required (for example, dyslexia).				
	Deliver content formatted in ways that support how people read online, including a clear document structure, visual hierarchy, headings, bulleted lists, line spacing, and so on.				
	Prioritize SEO at ea content findability.	rly design stages an	d throughout a prod	uct or service's lifec	ycle to improve
	Impact & Effort	Lo)W	Lo)W
	GRI	Medium	Low	Medium	Low
2.15	Take a More Sustai	nable Approach to Ir	nage Assets		
	Success Criterion				
	Assess the need for images considering the quantity, format, and size necessary for implementation.				
	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 loads wh	en they are required	
	Let the visitor selec	t the display size, ar	nd provide the option	n to deactivate image	es.
		nagement and use p sion and file formats	-	overall impact of image	ges, with criteria
	Impact & Effort	Hi	gh	Lo	DW
	GRI	High	High	High	High
2.16	Take a More Sustai	nable Approach to M	Media Assets		

	Success Criterion					
	Assess the need for video or sound usage (including only when they add visitor value), and ban non-informative media (background media) including autoplaying functionality.					
	Choose the right media to display by compressing according to the visitor's requirements, selecting the appropriate format, ensuring it works across browsers, and avoiding embedded player plugins.					
		ot of data to be dowr ade (a non-functiona			media itself) must	
		areness and control beding the deactivation, and some and formats.				
	-	nagement and use pompression and file f	-	overall impact of aud	io and video, with	
	Impact & Effort	Hi	gh	Med	lium	
	GRI	High	High	High	High	
2.17	Take a More Sustai	nable Approach to A	nimation			
	Success Criterion					
	Use animation only	when it adds value t	to a visitor's experie	nce, and not for dec	orative elements.	
	Progressively displadiminish expected	ay an appropriate qu device behavior.	antity of animation s	o as not to overburd	len the visitor or	
	Allow visitors to sta	rt, stop, pause or ot	herwise control anim	ated content.		
	Impact & Effort	Med	lium	Lo	ow .	
	GRI	High	High	High	High	
2.18	Take a More Sustai	nable Approach to T	ypefaces			
	Success Criterion					
	Use standard syste	m-level (web-safe / _I	ore-installed) fonts a	s much as possible.		
		of fonts, and the var ect, using the most		•	nd characters) are	
	Impact & Effort	Med	lium	Lo	ow .	
	GRI	Medium	Medium	Medium	Medium	
2.19	Provide Suitable Al	ternatives to Web As	sets			
	Success Criterion					
	All proprietary file for ensure future availa	ormats (such as PDF bility) should also be offe	ered in HTML for acc	essibility and to	
			y) should be subsette	ed and offered as pa	rt of a font stack	
	All custom typefaces (using font-display) should be subsetted and offered as part of a font stack with a system font as a backup.					

	Audio should provide	de text transcripts of	conversations as ar	n alternative to playir	ng the media.		
	Video should provide text transcripts (at minimum), subtitles (using WebVTT), and for accessibility best practice, offer closed captions and sign language options.						
	Impact & Effort	Medium Medium			lium		
	GRI	Medium	Medium	Medium	Medium		
2.20	Provide Accessible	, Usable, Minimal We	eb Forms				
	Success Criterion	Success Criterion					
	visitor's needs and necessary, what its	r forms and reduce f the organization's be value proposition is with collected data	usiness goals. Clear , how many steps it	ly communicate why	a form is		
		tion / auto-suggest i ease of repeat entry					
	Impact & Effort	Lo	ow .	Lo	OW .		
	GRI	Medium	Low	Medium	Low		
2.21	Support Non-Graph	nic Ways To Interact	With Content				
	Success Criterion						
	Support speech broalternatives to a vis	owsing and other no ual interface.	n-graphical ways to	interact with content	t that provide		
	Impact & Effort	Low Medium					
	GRI	Medium	Low	Medium	Low		
2.22		Medium fications To Improve	-		Low		
2.22			-		Low		
2.22	Provide Useful Noti Success Criterion Remove non-essen	fications To Improve tial notifications while is strictly necessary.	the Visitor's Journe	y ucing the practice of	e-mailing or text		
2.22	Provide Useful Noti Success Criterion Remove non-essen messaging to what be used with care at	fications To Improve	the Visitor's Journey le justifying and redu . Useful notifications	y ucing the practice of (such as alerts for n browser, SMS, or by	e-mailing or text ew content) should v email) and adjust		
	Provide Useful Notice Success Criterion Remove non-essemmessaging to what be used with care at Let the visitor contract messaging preferer available and visible Help visitors management.	fications To Improve	the Visitor's Journey le justifying and redu . Useful notifications example through the to unsubscribe, logo	y ucing the practice of (such as alerts for n browser, SMS, or by out, and close an acc result of a potential	e-mailing or text ew content) should v email) and adjust count should be		
	Provide Useful Notice Success Criterion Remove non-essemmessaging to what be used with care at Let the visitor contract messaging preferer available and visible Help visitors management.	fications To Improve	the Visitor's Journey le justifying and redu Useful notifications example through the to unsubscribe, logo learly explaining the plain errors, next step	browser, SMS, or by but, and close an accordant of a potential ps, and so on.	e-mailing or text ew content) should v email) and adjust count should be		
	Provide Useful Notice Success Criterion Remove non-essent messaging to what be used with care at Let the visitor contract messaging preferer available and visible Help visitors manage helpful prompts and	fications To Improve tial notifications while is strictly necessary and restraint. Tol notifications (for ences, and the option e.) The expectations by company that expect the company that expect that expect is a second company to the company that expect is a second company to the company that expect is a second company to the company that expect is a second company to the company that expect is a second company to the company that expect is a second company to the company that expect is a second company to the company that expect is a second company to the company that expect is a second company to the company that expect is a second company to the company that expect is a second company to the company that expect is a second company that expect is a se	the Visitor's Journey le justifying and redu Useful notifications example through the to unsubscribe, logo learly explaining the plain errors, next step	browser, SMS, or by but, and close an accordant of a potential ps, and so on.	e-mailing or text ew content) should r email) and adjust count should be input through		
	Provide Useful Noti Success Criterion Remove non-essen messaging to what be used with care a Let the visitor contr messaging preferer available and visible Help visitors manag helpful prompts and Impact & Effort GRI	fications To Improve Itial notifications while is strictly necessary, and restraint. Fol notifications (for ences, and the option e.) The expectations by conditions and the expectations by conditions and the expectations by conditions and the expectations by conditions are supported in the expectations by conditions are supported in the expectations are supported in the expectation are supported in the expec	the Visitor's Journey le justifying and redu . Useful notifications example through the to unsubscribe, logo learly explaining the plain errors, next step	browser, SMS, or by but, and close an accordance of a potential os, and so on.	e-mailing or text ew content) should r email) and adjust count should be input through		
	Provide Useful Noti Success Criterion Remove non-essen messaging to what be used with care a Let the visitor contr messaging preferer available and visible Help visitors manag helpful prompts and Impact & Effort GRI	fications To Improve tial notifications while is strictly necessary, and restraint. rol notifications (for ences, and the option e.) ge expectations by company that expect the company of the company	the Visitor's Journey le justifying and redu . Useful notifications example through the to unsubscribe, logo learly explaining the plain errors, next step	browser, SMS, or by but, and close an accordance of a potential os, and so on.	e-mailing or text ew content) should r email) and adjust count should be input through		

	Offer optimized, compressed documents in a variety of accessible file formats.				
	If a document is likely to be re-used, generate the document once on the server-side (preferably on a cookie-free domain) rather than forcing the effort to be duplicated.				
	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	Med	lium	Lo	ow .
	GRI	Medium	Low	Medium	Low
2.24	Create a Stakehold	er-Focused Testing &	& Prototyping Policy		
	Success Criterion				
	and user-interface	components when apding people with slow	oplicable with real us	e and test new featuresers who represent visabilities, 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 re meeting both busi	_	ser interviews to vali or needs.	date whether the
	Impact & Effort	Hig	gh	Med	lium
	GRI	High	High	High	High
	Conduct Regular Audits, Regression, and Non-Regression Tests				
2.25	Conduct Regular A	udits, Regression, ar	nd Non-Regression	lests	
2.25	Conduct Regular A Success Criterion	udits, Regression, ar	nd Non-Regression	lests	
2.25	Success Criterion Check your codeba	use for bugs, identify	any performance is:	sues, and account for (depending on your	
	Success Criterion Check your codeba security problems a allowance).	use for bugs, identify	any performance iso juarterly timeframes	sues, and account fo (depending on your	
	Success Criterion Check your codebasecurity problems a allowance). Non-regression test Incorporate regress	use for bugs, identify at either monthly or o	any performance issuarterly timeframes for all important functive release cycle to ens	sues, and account for (depending on your tionality.	scheduling
	Success Criterion Check your codebasecurity problems a allowance). Non-regression test Incorporate regress	use for bugs, identify at either monthly or on the sare implemented for the sting into each	any performance issuarterly timeframes for all important functionality	sues, and account for (depending on your tionality.	es don't introduce
	Success Criterion Check your codebasecurity problems a allowance). Non-regression test incorporate regressions or otherwise of the succession of the succe	use for bugs, identify at either monthly or of the are implemented for the sting into each conflict with existing	any performance issuarterly timeframes for all important functionality	sues, and account for (depending on your tionality. sure that new feature	es don't introduce
2.25	Success Criterion Check your codebasecurity problems a allowance). Non-regression test Incorporate regressions or otherwise of Impact & Effort GRI	use for bugs, identify at either monthly or on the sare implemented for the sting into each conflict with existing	any performance iss juarterly timeframes or all important func release cycle to ens software functionalit lium Medium	sues, and account for (depending on your stionality. Sure that new feature ty. Medium	es don't introduce
	Success Criterion Check your codebasecurity problems a allowance). Non-regression test Incorporate regressions or otherwise of Impact & Effort GRI	ase for bugs, identify at either monthly or of the are implemented for the string into each conflict with existing the Medium	any performance iss juarterly timeframes or all important func release cycle to ens software functionalit lium Medium	sues, and account for (depending on your stionality. Sure that new feature ty. Medium	es don't introduce
	Success Criterion Check your codebasecurity problems a allowance). Non-regression test Incorporate regressions or otherwise of Impact & Effort GRI Incorporate Perform Success Criterion Regularly measure performance of a w	ts are implemented for the string into each conflict with existing into Medium Medium	any performance issiparterly timeframes for all important functional release cycle to ensist software functionality and Medium Medium Ach Major Release-Corcle (using tooling or to identify and reso	sues, and account for (depending on your stionality. Sure that new feature ty. Medium	es don't introduce lium Medium Id auditing) the sues in the

	Impact & Effort	Med	lium	Lo	ow
	GRI	Medium	Medium	Medium	Medium
2.27	Incorporate Value T	esting Into Each Ma	jor Release-Cycle		
	Success Criterion				
		dback and monitor ants into future release	•	rates of product or s	ervice features,
	Impact & Effort	Med	lium	Lo	ow .
	GRI	Medium	Medium	Medium	Medium
2.28	Incorporate Usabili	ty Testing Into Each	Minor Release-Cycle	9	
	Success Criterion				
	Incorporate usabilit releases.	y testing into produc	ct cycles and measu	re the impact of thes	e tests for future
	Impact & Effort	Med	lium	Med	lium
	GRI	Medium	Medium	Medium	Medium
2.29	Incorporate Compa	tibility Testing Into E	ach Release-Cycle		
	Success Criterion				
				d software versions, s (including versions	
	possible and clearly	communicating wh	ether an update is e	o maintain compatib volutionary (large up ates that fix bugs or	dates that can
	Regularly test the p than five years to e		th weak connections	s, old browsers, and	on devices older
		rfaces using mobile- mproved accessibility		ure progressive enha	ancement, content
	Consider whether a application.	PWA will be more s	sustainable and com	patible over a native	mobile
	Impact & Effort	Hi	gh	Med	lium
	GRI	High	High	High	High
3.1	Identify Relevant Te	echnical Indicators			
	Success Criterion				
					ample HTTP
	operators of websit intensity (or unit be	es and applications ing evaluated) of eac CSS, which in turn	must ensure that co	nsideration is given t xample, non-renderi	for the energy ng text is less
	Impact & Effort	Med	ces using mobile-first methods to ensure roved accessibility. WA will be more sustainable and come high high high high hical Indicators Ct the environment and performance ont of DOM elements which need to be being delivered may not always be earned applications must ensure that context evaluated) of each component. For each component. For each component.		lium

	GRI	Medium	Medium	Medium	Medium		
3.2	Minify Your HTML, CSS, and JavaScript						
	Success Criterion						
	All source code is n	ninified upon compil	ation (including inline	e code).			
	Impact & Effort	Lo	ow	Lo	ow		
	GRI	Low	Low	Low	Low		
3.3	Use Code-Splitting	Within Projects					
	Success Criterion						
	Breakdown bandwi	dth-heavy compone	nts into segments th	nat can be loaded as	required.		
	Impact & Effort	Med	lium	Lo	ow		
	GRI	Medium	Medium	Medium	Medium		
3.4	Apply Tree Shaking	To Code					
	Success Criterion						
	Identify and elimina	te unused and dead	code within CSS ar	nd JavaScript.			
	Impact & Effort	Med	lium	Medium			
	GRI	Medium	Medium	Medium	Medium		
3.5	Ensure Your Solution	ons Are Accessible					
	Success Criterion						
	to obey relevant law means that people	vs and meet additior with permanent, tem	nal visitor accessibili nporary or situationa	necessary level), plu ty requirements. Buil I disabilities will be a ime searching for a	ding inclusively ble to more quickly		
	_			nternet Applications es when useful or be	` ,		
	Deploy solutions w	hich fight against ele	ctronic inequalities i	n products and serv	ices.		
	Impact & Effort	Hi	gh	Med	lium		
	GRI	Medium	Medium	Medium	Medium		
3.6	Avoid Code Duplica	ation					
	Success Criterion						
		emove or simplify (th nd have a cleaner, le		performance) your co	ode to focus on		
				redeveloping and reduce visitor learning b			

	Within CSS and JavaScript, use methodologies (like BEM) and systems like DRY and WET to optimize the arrangement and output of your source code.						
	Impact & Effort	Medium		Med	lium		
	GRI	Medium	Medium	Medium	Medium		
3.7	Rigorously Assess	Third-Party Services					
	Success Criterion						
	ideation or creation	process as possible		ls, maps, carousels, possible to reduce the sions.			
	behind a click-to-lo		ng the "import on in	s, carousels, etc) sho teraction" pattern), w			
			neworks should only al cannot be used in	be used if a more pestead.	erformant		
	Prioritize self-hoste	d content over embe	edded content from	third-party services.			
	_	ckable icons and wid ithin your product or	•	lying on third-party s	services to host or		
	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 sures (with explanatio	by the first-party proving to justify their inclus be able to be contro should provide a sim	e often a source of so vider of a service. What ion should be made olled by the consume ilar mechanism of die unless such feature	nile many do not only by those er. As showcased sabling or refusing		
	Impact & Effort	Hiệ	gh	Med	lium		
	GRI	High	High	High	High		
3.8	Use HTML Element	s Correctly					
	Success Criterion						
	Ensure content is m	narked up semantica	ılly using the right H⁻	ΓML element for the	right job.		
		optional HTML tags et to their default va		ed for rendering), atti	ribute quotes, or		
	Avoid using non-sta	andard elements or a	attributes.				
	_			ot utilize native HTM of design system cor			
	Impact & Effort	Med	lium	Med	lium		
	GRI	Medium	Medium	Medium	Medium		
3.9	Resolve Render Blo	ocking Content					
	Success Criterion						
	All external assets s Content (FOUC).	should be deferred o	or set to async (unles	s required) to avoid	Flash Of Unstyled		

	If external resources are required on load, ensure their priorities (delivery route) are set correctly.					
	Impact & Effort	Med	Medium		Low	
	GRI	Medium	Medium	Medium	Medium	
3.10	Provide Code-Base	ed Way-Finding Mec	hanisms			
	Success Criterion					
	Optimize your meta	adata and microdata	for search engines a	and social media.		
	Assist search engin	es, while blocking a	ny ill-intentioned rob	ots and scripts.		
	Offer accessibility a	and usability aids to	find content, such as	s skip links and signp	oosts.	
	Impact & Effort	Lo	DW .	Lo	ow .	
	GRI	Low	Low	Low	Low	
3.11	Validate Form Error	s and External Input				
	Success Criterion					
	Errors should be ide	entified through live	validation as well as	upon submission.		
			entified and labeled (and optional element			
	Always allow the pa	asting of content (inc	cluding passwords) fi	rom external sources	6.	
	Impact & Effort	Med	dium	Lo	ow .	
	GRI	Medium	Medium	Medium	Medium	
3.12	Use Metadata Corr	ectly				
	Success Criterion					
	Include the required	d title element, plus a	any optional HTML h	ead elements (such	as link).	
	_	_	that search engines lin Core Metadata Ini			
	Embed Microdata,	Structured Data (Scl	nema), or Microforma	ats within your pages	S.	
	Impact & Effort	Med	dium	Lo)W	
	GRI	Medium	Medium	Medium	Medium	
3.13	Adapt to User Prefe	erences				
	Success Criterion					
	reduced-transparer your website or app	ncy, and prefers-redu	st, prefers-color-schouced-motion CSS proder the print & scriptite.	eference queries if th	ney will benefit	
	Impact & Effort	Med	dium	Lo)W	
	GRI	Medium	Medium	Medium	Medium	

3.14	Develop a Mobile-F	First Layout				
	Success Criterion					
	speeds), expanding	to accommodate la	rger displays therea	(testing with various fter (mobile-first). It is a mobile device and	s much more	
	Utilize progressive enhancement and responsive web design to ensure that your work accommodates a device's capabilities, different screen sizes, and will not fail if it meets an unsupported technology.					
		e of renewable energe e design techniques.		ite or service to elect	ricity availability	
				uch as voice (speech chnology (watch, app		
	Impact & Effort	Med	lium	Lo	ow .	
	GRI	Medium	Low	Medium	Low	
3.15	Use Beneficial Java	Script and Its APIs				
	Success Criterion					
	Improve sustainabi	lity through accessib	le and performant c	ode implementations) .	
	When using an API unrequired data is		call it when necess	ary. On the other side	e, make sure no	
	Impact & Effort	Hi	gh	Medium		
	GRI	High	High	High	High	
3.16	Ensure Your Scripts	s Are Secure				
	Success Criterion					
	Check the code for	vulnerabilities, explo	oits, header issues, a	and code injection.		
	Impact & Effort	Med	lium	Med	lium	
	GRI	Medium	Medium	Medium	Medium	
3.17	Manage Dependen	cies Appropriately				
	Success Criterion					
	when they are not r		for unused depende	cript libraries to run lo encies and uninstallin		
	using libraries wher Check the package	e necessary. Consid	ler whether you can	ed and parsed by the use a native JavaScr an be installed and in	ript API instead.	
	the whole library.					
	•	pendencies and kee	p them up-to-date.			

	GRI	Low	Low	Low	Low		
3.18	Include Files That Are Automatically Expected						
	Success Criterion						
	Take advantage of the favicon.ico, robots.txt, opensearch.xml, site.webmanifest, and sitemap.xml documents.						
	Impact & Effort	Lo	DW	Lo)W		
	GRI	Low	Low	Low	Low		
3.19	Use Plaintext Form	ats When Appropriat	te				
	Success Criterion						
	Utilize standards su	ıch as ads.txt, carbo	n.txt, humans.txt, se	ecurity.txt and robots	s.txt.		
	Impact & Effort	Lo	ow	Lo	ow		
	GRI	Medium	Low	Medium	Low		
3.20	Avoid Using Depred	cated or Proprietary	Code				
	Success Criterion						
			ats is important, the		g if consumer		
	Don't use an older effectively.	standard if a newer r	ecommendation will	do the same job as	or more		
	Impact & Effort	Lo	ow	Med	dium		
		Low Low Low					
	GRI	Low	Low	LOW	Low		
3.21		Low Juirements With Sust	-	LOW	Low		
3.21		-	-	Low	Low		
3.21	Align Technical Rec Success Criterion List (and choose ca implementation ma solution may use m	quirements With Sustance with	-	or service. A simpler have a smaller footp uce more emissions	technological print. A prebuilt		
3.21	Align Technical Reconstruction List (and choose caimplementation may use may use a faster build- As a general rule, cosolution is actively in the solution of the solution is actively in the solution of the solution is actively in the solution in the solution in the solution is actively in the solution in the solution in the solution is actively in the solution in the solution in the solution is actively in the solution in the solution in the solution is actively in the solution in the solution in the solution is actively in the solution in the solution in the solution is actively in the solution in the solution is actively in the solution in the solution in the solution is actively in the solution in the solution in the solution in the solution is actively in the solution in th	guirements With Sustantefully) the requirements y use more human resource system resource time (emitting less cooling from scratch is maintained, it may be	ents of the product of esources, but could es (and thereby product arbon during develops the best-performing better optimized the dile systems to a W	or service. A simpler have a smaller footp uce more emissions pment). g methodology (thowan what you could performed)	technological brint. A prebuilt upon render) but ugh if an existing produce).		
3.21	Align Technical Reconstruction List (and choose caimplementation may use may be a faster build-As a general rule, consolution is actively and be considerated of the content entry format uploaded, the emis serving pages (as the content entry format and pages (as the content entry format and pages)	guirements With Sustante fully) the requirements with Sustante fully) the requirement of the resource of time (emitting less continued of the impact of thirms and of the impact of thirms are content management (like markdown) are sions benefit comes ney are static) for each	ents of the product of esources, but could es (and thereby product arbon during develops the best-performing better optimized the dile systems to a W	or service. A simpler have a smaller footpuce more emissions pment). g methodology (thous nan what you could party) yysiwyg editor or have a Static Site Genue SSGs often start usion is done before the having to place as me of a CMS, the dyna	technological print. A prebuilt upon render) but ugh if an existing produce). Heavy framework, we rator in using a minimalist he website is nuch effort into amic nature of a		
3.21	Align Technical Reconstruction List (and choose casimplementation may use modulition may use modulition may use modulition is actively in the considerate and be considerated. If you do decide to preference to a bull content entry format uploaded, the emission serving pages (as the site will involve add.) Plugins, extensions	guirements With Sustante fully) the requirements with Sustante fully) the requirement of the sustante fully was more human resorted time (emitting less conding from scratch is maintained, it may be attive components and of the impact of thirm use a code generating content management (like markdown) are sions benefit comes they are static) for each itional computation of the markdown, and themes have the sessibility, and performance for the sustante full statement of the sustante full stateme	ents of the product of esources, but could es (and thereby product of arbon during developes the best-performing the better optimized the dile systems to a Wid-party solutions. In tool, consider using the compilation of the compilation of the server not chivisitor. In the case	or service. A simpler have a smaller footpuce more emissions pment). g methodology (thoman what you could party) was editor or have a Static Site Gene SSGs often start uion is done before thaving to place as me of a CMS, the dynaming) and bulkier librated and selected to response of a CMS, the dynaming) and selected to response of a could be selected to response of a could bulkier librated and selected to response of a could be selected to response of a could bulkier librated and selected to response of a could be selected to response	technological print. A prebuilt upon render) but upon render) but ugh if an existing produce). Heavy framework, we reator in using a minimalist ne website is nuch effort into amic nature of a pries.		

	Impact & Effort	Med	lium	Med	lium			
	GRI	Medium	nguage Version our chosen syntax language and its coupled framework. ming languages are optimized for performing particular tasks, and util to the problem, especially if there is a reasonable visitor base involved ort, as long as it doesn't impact ESG factors such as the well-being of the too cost prohibitive. Medium Medium Medium Medium Medium Per Features Is and features over writing your own. Medium Medium Medium Medium Medium Medium Medium Medium Medium Medium Medium Medium Medium Medium Medium					
3.22	Use the Latest Stable Language Version							
	Success Criterion							
	Use the latest build	of your chosen synt	ax language and its	coupled framework.				
	Many tools and programming languages are optimized for performing particular tasks, and utilizing those most appropriate to the problem, especially if there is a reasonable visitor base involved justifies the time and effort, as long as it doesn't impact ESG factors such as the well-being of those involved or become too cost prohibitive.							
	Impact & Effort	Med	lium	Med	lium			
	GRI	Medium	Medium	Medium	Medium			
3.23	Take Advantage of	Native Features						
	Success Criterion							
	Use native function	s, APIs and features	over writing your ov	vn.				
	Impact & Effort	Med	lium	Lo)W			
	GRI	Medium	Medium	Medium	Medium			
3.24	Run Fewer, Simpler	Queries As Possible	e					
	Success Criterion							
	more than once in y	our code, access th	e database only onc	ce, and store the data	a locally for			
	Impact & Effort	Med	lium	Lo	ow .			
	GRI	Low	Low	Low	Low			
4.1	Choose a Sustainal	ole Hosting Provider						
	Success Criterion							
	should be monitore cores, etc. These in impacts, such as Po	d: energy / water usadicators could be usower Usage Effective ctiveness (CUE). The	age, CPU / Memory sed to calculate met eness (PUE), Water (overconsumption, so usage, allocation of rics directly related to Usage Effectiveness d to visitors for trans	servers and CPU o environmental (WUE), and			
			_	s possible, using ther g-lifespan products.	_			
	Recover, recycle, ar	nd upcycle waste ind	cluding equipment.					
	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			

	Compensate remaining emissions, keeping in mind that the priority should be to avoid then reduce them and only compensate for them if they cannot be avoided. Carbon credits may not be sustainable, therefore the effectiveness of an offset solution must be verified, shown to be both environmentally viable and sustainable, and part of a longer-term strategy to eliminate emissions entirely from a chain, benefitting the wider ecosystem.					
	Impact & Effort	Hi	gh	Medium		
	GRI	Low	Low	Low	Low	
4.2	Optimize Browser (Caching				
	Success Criterion					
	If using a CMS, install an applicable plugin to enable on-the-fly server-side caching. Otherwise, use the provided server configuration files to include and tweak the file-type cache expiration using expires, bfcache, or cache-control HTTP header. If using a language or framework that generates pages on request, cache responses for static pages so that they can be reused for future visitors.					
	Client-side JavaScript uses a combination of ServiceWorkers, WebWorkers, storage Application Programming Interfaces (APIs), or cookies (if necessary) to reduce friction in 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 Your File	es				
	Success Criterion					
	Brotli or GZIP. Othe		ded server configura	e-fly server-side comp tion files to include a		
		_		reducing the quality a server or content	_	
	Impact & Effort	Hi	gh	Lo	ow .	
	GRI	Low	Low	Low	Low	
4.4	Use Error Pages an	d Redirects Carefully	y			
	Success Criterion					
	_	r each error type to e		cur, provide suitable n be identified to hel		
		fix them. A redirect of	-	essary. Proactively se elp reduce the numb		
	Impact & Effort	Lo	w	Lo	ow .	
	GRI	Low	Low	Low	Low	
4.5	Limit Usage of Add	itional Environments				

	Success Criterion					
		Ensure no unused environment is available, balancing the cost of deploying an environment with the cost of keeping it online while unused.				
	Impact & Effort	Med	lium	Lo	ow .	
	GRI	Low	Low	Low	Low	
4.6	Automate To Fit the	Needs				
	Success Criterion					
	Every recurring task, such as deployment, testing, or compilation, can be run automatically, as is recommended by continuous integration / continuous delivery best practices.					
	To reduce wasted p	processing cycles, ev	very automated task	is only run when nee	eded.	
			automatically increand to visitor demand	ase the capacity of thd.	ne web server and	
	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	Hi	gh	Med	lium	
	GRI	Low	Low	Low	Low	
4.7	Maintain a Relevant	t Refresh Frequency				
	Success Criterion					
	The frequency for red depending on visitor	•	ache, locally stored	data, and the page) i	s defined	
	Impact & Effort	Med	lium	Lo	ow	
	GRI	Medium	Medium	Medium	Medium	
4.8	Be Mindful of Dupli	cate Data				
	Success Criterion					
	Backups of system	and user data are b	oth incremental and	secure.		
	Impact & Effort	Lo)W	Lo	ow .	
	GRI	Low	Low	Low	Low	
4.9	Enable Asynchrono	us Processing and (Communication			
	Success Criterion					
		ical processes and c under a given thresh		batched and launche	ed only when	
		ocols (HTTP, FTP), a		tor's needs and data ficient and privacy-a		

	When creating products or services that utilize state changes (without triggering a complete refresh), consider if the utilization of Event-Driven Architecture and Microservices will be more environmentally friendly (based on the ESG variables involved) than traditional APIs in handling the server-side workload of your solution.					
	Impact & Effort	Med	Medium Medium			
	GRI	Low	Low	Low	Low	
4.10	Consider CDNs and	d Edge Caching				
	Success Criterion					
	When building for a globally distributed audience, use a CDN to store and serve simple read-only, pre-generated resources in a fast and efficient manner. Although they definitely can increase performance, it is also another layer of infrastructure which needs to be considered for sustainability.					
	Check the CDN to	erify that it provides	a commitment to s	ustainability.		
	Choose a hosting p	rovider with servers	located close to the	visitor.		
	as due to cache par any benefits are neg	rtitioning, cross-origi gated by weaker per	in resource sharing (formance, the inabil	script (unless through CORS), and other br ity to cache or intera troduced. This doesi	owser mechanics, ct, and the	
	transferred, and CP	U cycles for (de)seri	alization. Wherever	incurs a cost, both in cossible, data transford avoid processing data	ormations should	
	Impact & Effort	Med	lium	Lo	w	
	GRI	Low	Medium	Low	Medium	
4.11	Use the Lowest Infr	astructure Tier Meet	ing Business Requir	ements		
	Success Criterion					
	agreements. Avoid standalone instance under-utilized by pr	over-provisioning muses meet the requiremovisioning for establ	ulti-datacenter, multi nents. Also avoid pro ished average loads	tier, meeting your se -zone, or distributed ovisioning infrastructu , ensuring reasonable oning for peak loads.	deployments if ure that will be	
	Impact & Effort	Med	lium	Med	ium	
	GRI	Low	Low	Low	Low	
4.12	Store Data According	ng to Visitor Needs				
	Success Criterion					
	Remove unnecessa abandoned.	ry 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 c	of technical debt, and	I routinely cleaning	
	Use a data classific	ation / tagging polic	y to make it easier to	o find, handle, and re	move.	

	Store data only when it is difficult to recreate.					
	Optimize log collection, storage (off-site), and rotation; scheduling during low-activity hours and using carbon-neutral backup providers.					
	Ensure long-term a	ssets, especially tho	se of a large size, are	e made available for	download.	
	Impact & Effort	Lo	ow	Lo	DW	
	GRI	Low	Low	Low	Low	
5.1	Have an Ethical and	d Sustainability Prod	uct Strategy			
	Success Criterion					
	The organization has published a publicly available Code of Ethics, Product Guidelines, Sustainability, or ESG Statement that includes language specific to digital products, services, policies, and programs.					
			e, and anything beyo our product or servic		se guidelines and	
		an show how it effect d ESG practices ove	tively governs impler r time.	mented digital sustai	nability, climate	
	_	as training decks and sustainable product	d workshops it uses t t strategies.	to onboard new tean	n members on how	
			documenting your m g individuals make m			
	The organization ca	an show how it powe	ers digital products a	nd services with ren	ewable energy.	
	Impact & Effort High High					
	Impact & Effort	Hi	gh	Hi	gh	
	Impact & Effort GRI	High	gh High	High	gh High	
5.2	-	High	-		-	
5.2	GRI	High	-		-	
5.2	GRI Assign a Sustainab Success Criterion	High ility Representative an ecological refere	-	High	High	
5.2	GRI Assign a Sustainab Success Criterion Choose and assign	High ility Representative an ecological refereation.	High	High	High product or service	
5.2	GRI Assign a Sustainab Success Criterion Choose and assign within your organiza	High ility Representative an ecological refereation.	High e (with specific digital	High al expertise) for the p	High product or service	
5.2	GRI Assign a Sustainab Success Criterion Choose and assign within your organiza Impact & Effort	High ility Representative an ecological referention. Medium	High e (with specific digitation)	High al expertise) for the p	High product or service	
	GRI Assign a Sustainab Success Criterion Choose and assign within your organiza Impact & Effort GRI	High ility Representative an ecological referention. Medium	High e (with specific digitation)	High al expertise) for the p	High product or service	
	GRI Assign a Sustainab Success Criterion Choose and assign within your organiza Impact & Effort GRI Raise Awareness an Success Criterion Make sure that all p	High ility Representative an ecological referention. Medium Medium oroject stakeholders, nanagers and clients	High e (with specific digitation)	High al expertise) for the p Lo Medium eams, colleagues, an	High product or service w Medium ad organizational	
	GRI Assign a Sustainab Success Criterion Choose and assign within your organiza Impact & Effort GRI Raise Awareness an Success Criterion Make sure that all predecision-makers (materials) for sustainable technological encourages staken	High ility Representative an ecological referention. Medium Medium oroject stakeholders, nanagers and clients logy.	High ee (with specific digital dium Medium including product tee) are informed about	High al expertise) for the p Lo Medium eams, colleagues, an and trained in your l	High product or service w Medium d organizational business's use of	
	GRI Assign a Sustainab Success Criterion Choose and assign within your organiza Impact & Effort GRI Raise Awareness an Success Criterion Make sure that all predecision-makers (materials) for sustainable technological encourages staken	High ility Representative an ecological referention. Medium Medium oroject stakeholders, nanagers and clients ogy. olders to actively recopractices, and concepts.	High ee (with specific digital dium Medium including product tee) are informed about	High al expertise) for the p Lo Medium eams, colleagues, an and trained in your l	High Droduct or service Dw Medium Ind organizational business's use of ding resources on	
	GRI Assign a Sustainab Success Criterion Choose and assign within your organiza Impact & Effort GRI Raise Awareness an Success Criterion Make sure that all predecision-makers (management) Encourages staken sustainable design,	High ility Representative an ecological referention. Medium Medium oroject stakeholders, nanagers and clients ogy. olders to actively recopractices, and concepts.	High ee (with specific digital dium Medium including product te) are informed about duce their environme cepts.	High al expertise) for the p Lo Medium eams, colleagues, an and trained in your lental impact by proving the second control of the period	High Droduct or service Dw Medium Ind organizational business's use of ding resources on	

	Success Criterion					
	Clearly communicate the ecological implications of visitor choices and allow visitors to configure settings based on those choices.					
	Impact & Effort	Med	Medium Medium Medium			
	GRI	Medium	Medium	Medium	Medium	
5.5	Estimate a Product	or Service's Environ	mental Impact			
	Success Criterion					
	Conduct a full life-o	cycle Analysis based	on the functional ur	it defined in Guidelir	ne 5.15.	
	Estimate the enviro making (as a poten	nmental impact of yotial target goal).	our or your competit	or's current service	to inform decision-	
	When identifying the environmental impact of your product or service, be sure to include the impact (or estimates of) of any tooling used to create the product or service along with any third-party solutions utilized in the pipeline. While not created by you, the emissions they generate from production to maintenance are considered integral to your overall solution.					
	Impact & Effort	Med	dium	Med	dium	
	GRI	Medium	Medium	Medium	Medium	
5.6	Define Clear Organ	izational Sustainabili	ty Goals and Metrics	5		
	Success Criterion					
	communicates how	as defined and publish the will meet these go and its various state.	oals, including which			
	Impact & Effort	Lo	ow	Med	dium	
	GRI	Low	Low	Low	Low	
5.7	Verify Your Efforts U	Jsing Established Th	ird-Party Business (Certifications		
	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	dium	Med	dium	
	GRI	Medium	Medium	Medium	Medium	
5.8	Implement Sustaina	ability Onboarding G	uidelines			
	Success Criterion					
	policies and practic	as dedicated training ses it follows and hover time, adapting the	w to implement them	n. While managing a		
		centivizes leadership eir training, including on.				

	The organization anticipates and maps potential negative external variables on the service, and acts to minimize their overall impact.						
	Impact & Effort	Hi	gh	Med	lium		
	GRI	High High		High	High		
5.9	Support Mandatory	Disclosures and Re	porting	'			
	Success Criterion						
	The organization has created and published policies and practices for disclosing the social and environmental impacts of its products, services, policies, and programs in line with existing reporting standards such as GRI Performance, SASB, etc.						
			vailable impact repor als at least once per	t outlining its progres	ss against previous		
	The organization publicly and transparently follows existing or emerging environmental standards and legislative policy that promotes mandatory disclosures and reporting for emissions. This is done alongside other social and environmental criteria in its impact reporting, maintaining these practices over time for future reports.						
	_	-	t reduces its environ ata, or other manipul	mental impact, avoic ative techniques.	ling double		
	Impact & Effort	Med	lium	Med	Medium		
	GRI	Medium	Medium	Medium	Medium		
5.10	Create One or More	e Impact Business M	lodels				
	Success Criterion						
	documentation to it added value from the	dentify the impact it nese activities, how rojects, is generating	hopes to create, how it will measure result	eory of Change proce wit will generate reve s based on desired of acking and measurin	enue, shared, or outcomes; or in the		
	Impact & Effort	Hi	gh	Med	lium		
	GRI	High	High	High	High		
5.11	Follow a Product M	lanagement and Mai	ntenance Strategy				
	Success Criterion						
	The organization hamaintenance.	as documented polic	ies outlining how it a	approaches product	management and		
	The organization hait manages.	as maintenance / sec	curity plans in place	for all the digital proc	ducts and services		
	refactoring code, a	ddressing technical	debt, new product fe	e via staffing and bud eatures, ongoing test stomers, visitors, and	ing, and product		
	_	corporates carbon a ble improvement ove		ement into maintena	nce programs and		
	Impact & Effort	Hi	gh	Lo	ow .		

	GRI	High	High	High	High		
5.12	Implement Continu	ous Improvement Pr	ocedures				
	Success Criterion						
	_	as created policies an nization appropriatel	•	•	vement and has		
		odate frequency mus o conduct user-rese					
	application while all experimentation, su Limiting analytics to	Use (and show a track record of) continuous improvement (iteration) 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. Limiting analytics to only necessary features to aid with decision-making, encouraging visitor feedback, and comparing performance against business goals and visitor needs.					
		e the retention of exi limination of unused					
		security and policy ue updates from more			cycle, while		
	help your team (ma	e product and data s nagers, colleagues, and services over tin	etc) build capacity a		•		
	Impact & Effort	Hi	gh	Hi	gh		
	GRI	High	High	High	High		
5.13	Document Future U	Ipdates and Evolutio	ns				
	Success Criterion						
	The user-experienc updating, or remove	e considers possible ing features.	e changes to the pro-	duct or service such	as adding,		
	Impact & Effort	Lo	DW	Lo)W		
	GRI	Low	Low	Low	Low		
5.14	Establish if a Digita	Product or Service	Is Necessary				
	Success Criterion						
	Review and identify	whether your produ	ict or service aligns	with one of the U.N.	(SDGs).		
	Evaluate the desira to ascertain whether	bility, feasibility, and er it is necessary.	viability of the digita	l product or service	they wish to create		
		existing digital produ and whether a new p			have conducted		
	Consider any obstaterritorial.	cles to using a prod	uct or service, such	as accessibility, equ	ality, technical, or		
	Impact & Effort	Hi	gh	Lo	ow .		
	GRI	High	High	High	High		
5.15	Determine the Fund	ctional Unit					

	Success Criterion					
	Consider and conduct a life-cycle Assessment (LCA) to define the requirements of your product's function throughout its lifecycle.					
	Impact & Effort	Med	lium	Medium		
	GRI	Medium	Medium	Medium	Medium	
5.16	Create a Supplier S	tandards of Practice				
	Success Criterion					
	The organization has created specific policies to vet potential partners in its supply chain based on ESG principles.					
	The organization ha issues that impact t		opliers to create, trac	ck, and measure coll	ective impact on	
		omotes its partnersh o creates a collective		ilable place, along w	rith information on	
	Impact & Effort	Hi	gh	Hi	gh	
	GRI	High	High	High	High	
5.17	Share Economic Be	enefits				
	Success Criterion					
	The organization puliving wage.	iblicly commits to pa	aying employees, co	ntractors, and other	stakeholders a	
		s policies and pract meet its impact goa		ntivize stakeholders,	such as workers	
				unce with its resource rofit sharing, and so		
			ible legislation that s	supports employmer ic benefits.	nt rights,	
	Impact & Effort	Hi	gh	Hi	gh	
	GRI	High	High	High	High	
5.18	Share Decision-Mal	king Power With App	oropriate Stakeholde	ers		
	Success Criterion					
		ample, project mana		usiness objectives, a er and autonomy to		
	Impact & Effort	Lo)W	Hi	gh	
	GRI	Low	Low	Low	Low	
5.19	Use Justice, Equity,	Diversity, Inclusion	(JEDI) Practices			
	Success Criterion					

	The organization has documented its commitment to JEDI practices with clear policies on how it prioritizes marginalized or otherwise underserved communities, including Black, Indigenous, People of Color, LGBTQIA+, Women, Disabled, Veterans, Seniors, and so on.				
	The organization has an accessibility policy for digital products and services and can show this via a verified accessible website, application, product, or service.				
	how this topic man		products and service	nedules ongoing wor es (algorithmic bias,	
	The organization ca	an show measurable	JEDI improvement o	over time in its hiring	, leadership, and
		dvocates for respons aducts and services.		ng to JEDI practices	, especially as
	Impact & Effort	Hi	gh	Hi	gh
	GRI	High	High	High	High
5.20	Promote Responsib	ole Data Practices			
	Success Criterion				
	such as the Genera and so on. This pol	Il Data Protection Re icy must be both acc ehension needs, and	gulation (GDPR), Ca cessible for all visitor	and supports existin difornia Consumer Pors, including those wish best practices to	rivacy Act (CCPA), ith accessibility
				on how it respects da provides the ability to	
	The organization su and responsible da		erging legislation rela	ated to data privacy,	data sustainability,
	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. Create an a	e archived and delete rchiving schedule wi	
	Enable users to cor	ntrol, manage, and d	elete their data, sub	scriptions, and acco	unts.
	Impact & Effort	Lo	W	Hi	gh
	GRI	Low	Low	Low	Low
5.22	Promote and Imple	ment Responsible E	merging Technology	Practices	
	Success Criterion				
	The organization ha	as public-facing polic	cies in place for eme	rging technologies.	
	The organization ca		kills workers as new	technologies and pra	actices potentially

	The organization supports responsible legislation related to automation and emerging technologies.				
	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.				
	Don't roll out post-on harvest now, decryp		for high-traffic servi	ces that don't need r	esilience against
	Impact & Effort	High		Med	ium
	GRI	High	High	High	High
5.23	Include Responsible	e Financial Policies			
	Success Criterion				
		s divested from foss responsible partners		ts banking, sponsors	ship, and other
	_		ancing and responsil m care and maintena	ble budgeting for its ance.	digital products
	Impact & Effort	Hi	gh	Hiç	gh
	GRI	High	High	High	High
5.24	Include Organizatio	nal Philanthropy Pol	icies		
	Success Criterion				
	The organization has strategically aligned		giving policy and cre	eates philanthropic pa	artnerships with
			unteer projects, whic non-profit organizat	h help its team learn ions build capacity.	new tools and
	Impact & Effort	Hi	gh	Med	ium
	GRI	High	High	High	High
5.25	Plan for a Digital Pr	oduct or Service's C	are and End-of-Life		
	Success Criterion				
	Establish clear, doc deletion, and so on		guidelines that inclu	ıde data disposal, ar	chiving, file
	Impact & Effort	Medium Medium			
	GRI	Medium	Medium	Medium	Medium
5.26	GRI	Medium ight-To-Repair, and I	Medium	Medium	Medium
5.26	GRI		Medium	Medium	Medium
5.26	GRI Include E-Waste, R Success Criterion	ight-To-Repair, and l	Medium Recycling Policies	Medium waste and repair owr	

	The organization buys refurbished equipment whenever possible.				
	The organization should allow consumers to repair (to the best of their ability) the consumables they purchase, offering (if possible at cost) replacement components and 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 a clear sustainability and environmental budget criteria that covers the page, user-journey, and digital service levels and metrics (such as a CO2.js score) that are approved by relevant product stakeholders.				
	Use tools such as a performance budget 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).				
	Define KPIs around engineering hours, development time, or sprints keeping the health and wellbeing of your workers paramount. Consideration should be 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 Tools				
	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	High	High	High	High