



COLLECTIF EAU QUÉBEC
QUÉBEC WATER COLLECTIVE

Coordinated by



QUÉBEC WATER COLLECTIVE 2024-2029 ACTION PLAN

TOGETHER FOR PARTICIPATORY WATER SCIENCE!

Financial partners



Québec 

DataStream

OBJECTIVES	ACTIONS	TIMELINE (FINANCIAL YEARS APRIL TO MARCH)			RESPONSIBLE GROUP	INDICATORS
		SHORT TERM (2024-2025)	MEDIUM TERM (2025-2026 & 2026-2027)	LONG TERM (2027-2028 & 2028-2029)		
ORIENTATION 1 - INCLUSIVE VISION						
Structure the organization	Set values for the <i>Collective</i>	Completed 2022-2023	N/A	N/A	2022 Forum	Common vision developed
	Promote a common vision around water	Completed 2022-2023	N/A	N/A	2022 Forum	
	Define an organizational structure	Completed 2024	N/A	N/A	G3E & Strategic Committee	Organizational structure put in place
	Recruitment of new strategic committee members and review of its current members relevance to pursue a new mandate	December 15, 2024	March 31, 2027	March 31, 2029	G3E & Strategic Committee	# of seats filled out of a total of 8 seats
	Recruitment of a person in support for the facilitation of the Collective's activities	December 15, 2024	N/A	N/A	G3E	Position filled
	Create and maintain a database of current and potential participatory water science actors in Québec (representativeness by sector, organizations, etc.)	December 15, 2024	Year-round	Year-round	G3E	Database of actors available
	Create and update a geo-localized map of these actors	March 31, 2025	Year-round	Year-round	G3E	Map of actors available online
	Report progress to the strategic committee via virtual meetings	En continu	Year-round	Year-round	G3E	# of Strategic Committee meetings
	Define the rules of the game for engagement (nature, duration, etc.) in working committees	March 31, 2025	N/A	N/A	G3E	Framework developed for engagement in working committees
Ensure two-way communication between everyone	Collaborate with existing networks and actors	Year-round	Year-round	Year-round	G3E	# of non-member networks and collaborators
	Facilitation of the activities in order to listen and respond to the needs of members	March 31, 2025	Year-round	Year-round	G3E	# of in-person meetings (forum) AND # of members present # of virtual meetings AND # of members present # consultation and networking activities AND # of members present # documents produced of working committees established



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Ensure adequate learning and training for all members	Webinars for and by the members (workshop, toolbox) on different concepts according to expressed needs	N/A	Year-round	Year-round	G3E & Members	# of webinars and workshops carried out AND # of members present
	External training (e.g. OCAP & CARE)	N/A	Year-round	Year-round	G3E	# of external training given
ORIENTATION 2 - ENGAGEMENT						
Identify and know the members	Development and updating of an annual evaluation process to understand the needs of members and target the efforts to invest in the future	March 31, 2025	Annually	Annually	G3E	# of respondents or participants in the evaluation
	Analyze the needs of current and potential members according to what is expressed in meetings and activities and during annual evaluations	N/A	Annually	Annually	G3E	Annual report presenting the analysis of members' needs
	Action plan update in collaboration with members	March 31, 2025	Annually	Annually	G3E	Action plan updated annually # of members contributing to the annual update
Develop strategies and means of engagement	Membership launch	January 31, 2025	N/A	N/A	G3E	# of recruitment tools developed (newsletter, web page, social networks publications, etc.)
	Recruit new members and keep current members engaged	N/A	Year-round	Year-round	G3E	# new members % of members who continue their commitment
	Develop an engagement strategy	N/A	2025-2026	N/A	G3E & Strategic Committee	Engagement strategy developed
Support the continuity and recognition of members' efforts	Develop a member retention strategy	N/A	2025-2026	N/A	G3E & Strategic Committee	Member retention strategy developed
	Plan recognition activities	N/A	2026-2027	2027-2028 2028-2029	G3E	# of development tools developed # recognition events/activities
	Create a brand image (label, logo) to support the feeling of belonging	December 15, 2024	N/A	N/A	G3E	Brand image developed



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ORIENTATION 3 - SUSTAINABILITY AND FINANCING						
Develop and implement a funding mechanism to ensure the sustainability of participatory science initiatives by promoting partnerships and collaboration	Establish a financing committee to propose a new medium and long-term financing mechanism	N/A	2025-2026	N/A	Financing Committee	# new financing mechanisms for all members (e.g.: social utility trust mechanism) # of members and non-members in the Financing Committee
	Develop a methodology to quantify the value of participatory science investment	N/A	2026-2027	N/A	"Socio-economical" Committee AND/OR Research Group	Tool for assessing the value of a participatory science initiative developed # of members and non-members in the "Socio-economic" Committee"
Promote participatory science and its results	Promote the benefits and results of participatory science	N/A	2025-2026 2026-2027	N/A	"Socio-economical" Committee AND/OR Research Group	Data inventory on the value of participatory science in Québec Promotion of the analysis resulting from the evaluation of the value of a participatory science initiative
	Reflect on the relevance of developing a project that pools the results of all programs in order to establish an overall portrait and produce standard indicators	N/A	N/A	2027-2028 2028-2029	Scientific Committee	# of members and non-members in the committee Report on reflections (e.g.: feasibility study)
	Establish a strategy and tools for promotion and communication to the public and local stakeholders in order to promote participatory science	N/A	2025-2026	N/A	G3E & Communications Committee	Strategy for participatory science promotion # of communication tools developed to promote participatory science # tools developed and used to demonstrate the integration of participatory science in decision-making # of publications/shares
	Develop communication tools to adapt and pre-process data from participatory science	N/A	2025-2026	Year-round	G3E & Communications Committee	# of communication tools developed to present data from participatory science # of publications/shares



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Promote investment in scientific culture among youth and the population	Promote the deployment of participatory science in schools (decision-makers and workers of tomorrow)	N/A	2025-2026	Year-round	G3E	# of members who have involved young people in their participatory science activities # of members who involved committed educational institutions Types of involvement of young people and schools
	Promote activities involving the public in one or other of the stages	N/A	2025-2026	Year-round	G3E	# of members who involved the public Types of public involvement
	Demonstrate the impact of participatory science in scientific culture to highlight its importance	N/A	2026-2027	N/A	"Socio-economical" Committee AND/OR Research Group	Impact report on participatory water science in Québec



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ORIENTATION 4 - DATA VALIDATION AND CREDIBILITY						
Ensure and demonstrate the scientific rigor of participatory science	Form a scientific committee	N/A	2025-2026	N/A	G3E	Scientific committee in place # of meetings or participation rate of the scientific committee # of members and non-members in the committee
	Identify existing protocols and standards (potential research project)	N/A	2026-2027	N/A	Scientific Committee	# of protocols identified
	Prioritize the protocols to be carried out, popularized and implemented	N/A	N/A	2027-2028	Scientific Committee	Prioritization grid
	Standardize data collection and data aggregation	N/A	N/A	2027-2028	Scientific Committee	# of standardized, recognized and simplified protocols (accessible to the population, by video, etc.) # of protocols compliant with international protocols Validation seal in place
	Create a data pooling and retrieval process	N/A	N/A	2027-2028	Scientific Committee	# of participatory science data produced
Maintain an equal relationship between partners (governments, experts, community, academia), citizens and the scientific committee	Have a government representative on the scientific committee	N/A	2025-2026	N/A	Scientific Committee	# of government representatives
	Have partners representing the voice of the public in the scientific committee	N/A	2025-2026	N/A	G3E or other program manager	# of partners representing citizens on the scientific committee
	Participate in other scientific or advisory committees (e.g.: GRIL, Centr'EAU, etc.) and events (e.g.: Canadian Open Data Society)	N/A	Year-round	Year-round	Scientific Committee	# of other committees on which members sit
Ensuring the credibility of participatory science data	Create training or adapt existing training related to scientific rigor	N/A	Year-round	Year-round	To be determined	# of training courses created # of adapted training courses
	Create a metadata template that takes into account different levels of data complexity	N/A	N/A	2027-2028	Partners creating similar systems	Metadata template developed # of member metadata completed



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Highlight knowledge from participatory science data	Identify uses of participatory science data to show that they are used	N/A	N/A	2027-2028	To be determined	# of real uses from participatory science data
	Create a protocol for sharing data, best practices and feedback between all partners/members	N/A	N/A	2027-2028	To be determined	Protocol developed
Contribute to data access procedures	Train members on open data	N/A	2025-2026	Year-round	Partners in this domain	# of trainings given
	Train members to transpose their databases into open data	N/A	2026-2027	Year-round	Partners in this domain	# of tools developed # of members who have transposed their data into open data
ORIENTATION 5 - KNOWLEDGE SHARING AND INVENTORY						
Have an inventory of all knowledge acquired by members	Identify members' resources: types of data collected, sources of transferable knowledge (web), training, tools, potential collaborations, etc.	March 31, 2025	Year-round	Year-round	G3E	Inventory developed and maintained # of initiatives resulting from collaborations
Make accessible and facilitate the transfer and understanding of knowledge in communities	Adequately train members on data popularization and communication tools	N/A	2025-2026	Year-round	G3E with an external partner	# of training given # of members participating in training
	Support members in adapting their platforms and popularizing their information to effectively reach different target audiences and users	N/A	2025-2026	Year-round	G3E	# of existing platforms adapted

