

Aigua de Viladrau i el Compromís amb el territori: La custòdia de l' Aigua



- i. Afrontant els reptes de la governança des de la conca
- ii. Gestió basada en estàndard AWS
- iii. Com ?:
 - 1. Recopilant i comprenent
 - 2. Coneixent els Grups d'Interès
 - 3. Mesurant els Impactes
 - 4. Creant i Compartint elements de comunicació
 - 5. Implementant accions col·lectives.

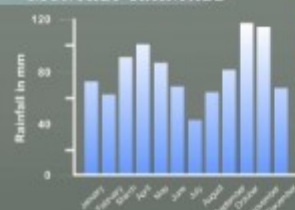
Afrontant els reptes en la Governança de l'Aigua des de la Conca

WATER BALANCE IN THE MONTSENY MOUNTAINS

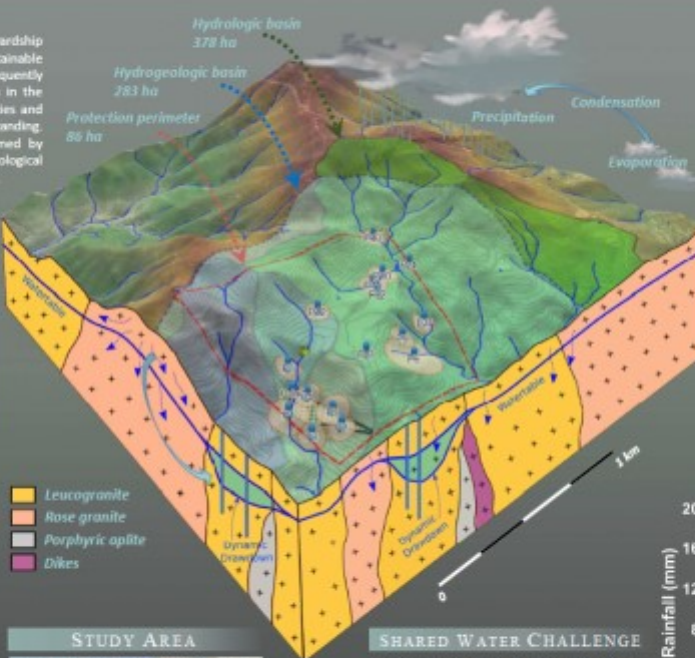
WATER STEWARDSHIP

Nestlé Waters takes its environmental stewardship responsibilities seriously and is committed to sustainable natural resources management. The company frequently monitors groundwater, habitat and precipitation in the Montseny Natural Park region to guide its activities and share water knowledge to build mutual understanding. Nestlé Waters supports regular studies performed by third-party scientists and adjust the hydrogeological model of the Montseny aquifer as data determine.

MONTHLY RAINFALL



MONTHLY EVAPORATION



STUDY AREA



SHARED WATER CHALLENGE

Nestlé Waters aims to maintain the exploitation of mineral water in an environmentally sustainable manner, and taking into account the rest of the stakeholders and making it compatible with the management of the Montseny Natural Park.

WATER BALANCE

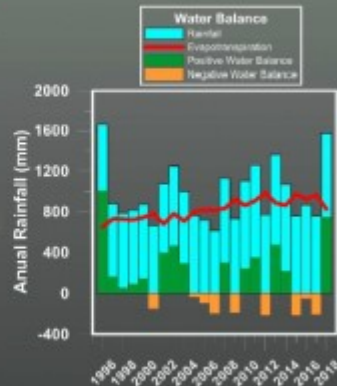
RECHARGES 8,95 HM³/YEAR

Hydrologic basin (surface considered): 378 ha
Average Precipitation: 980 mm/year
Evapotranspiration: 520 mm/year
Direct Runoff: 230 mm/year
Infiltration: 250 mm/year

EXTRACTIONS 0,3 HM³/YEAR

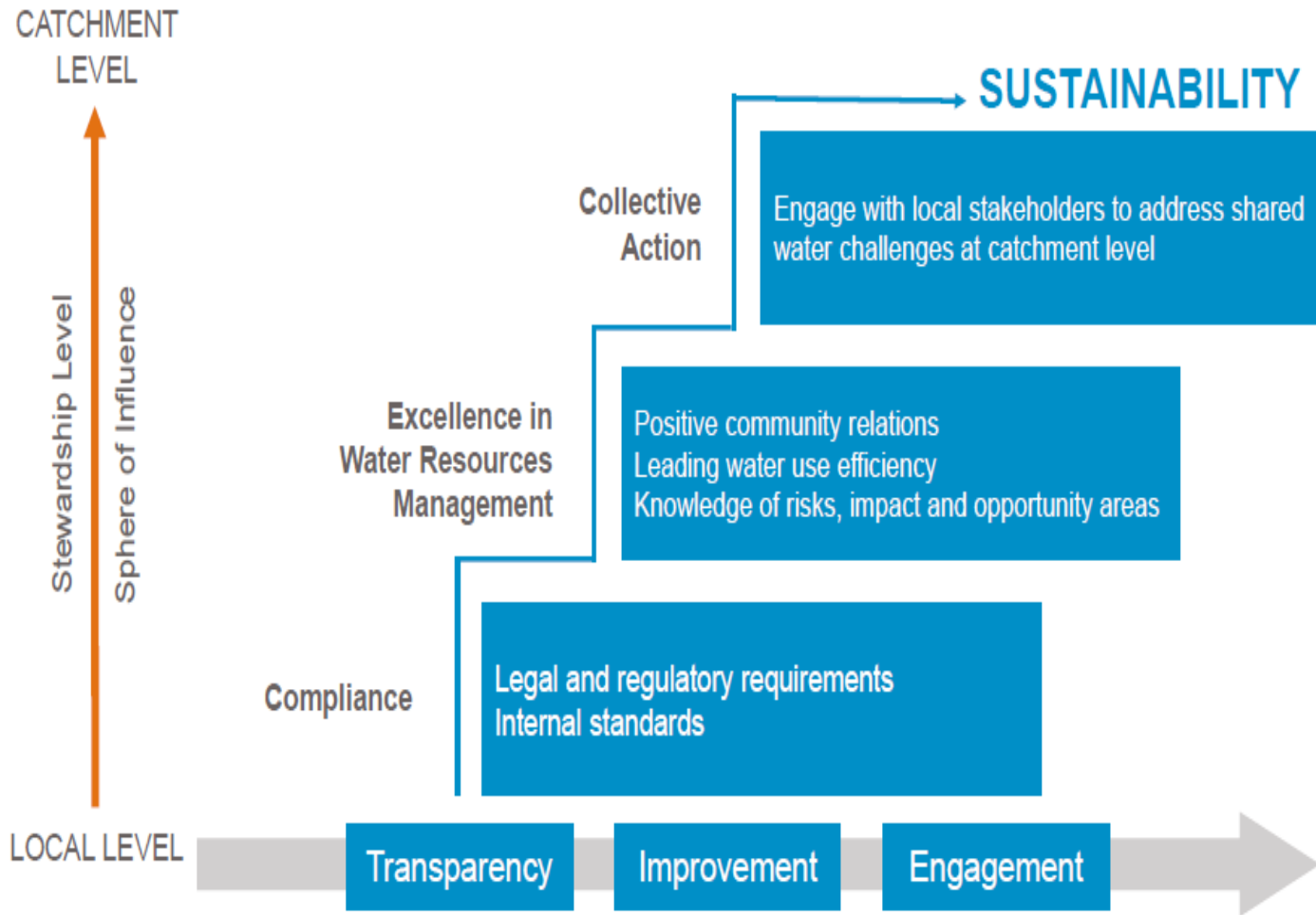
Authorized Extractions: 1.19 hm³/year
Hydraulically potential extractions: 0.66 hm³/year
Real Extractions: 0.3 hm³/year

WATER BUDGET 0.65 HM³/YEAR



Gestió basada en el standard AWS

Amb un clar enfocament: Custodia de l' Aigua a nivell local



Aquest enfocament està inspirat en l'Alliance for Water Stewardship (AWS), una plataforma formada per ONGs, sector públic i empreses
Certificació Internacional basada en 5 passos:

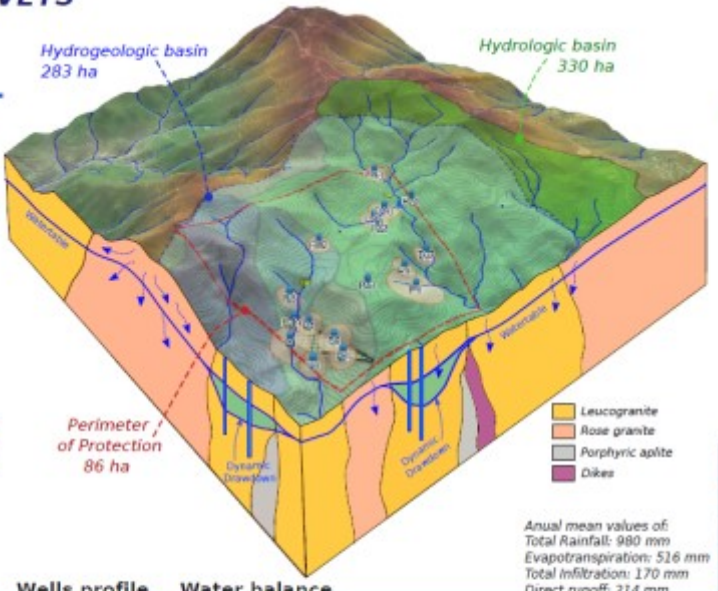
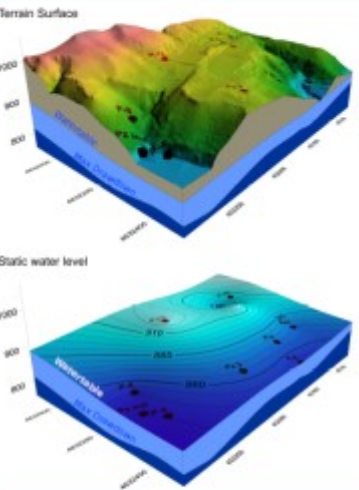


Recopilant i comprenent



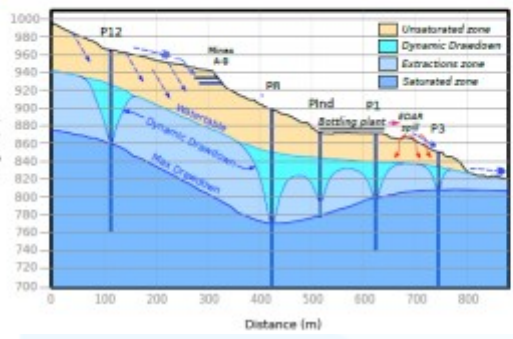
VILADRAU-AQUAREL AVETS

Watertable and drawdown
Watertable at 30-100 m of depth
Drawdowns between 20-60 m

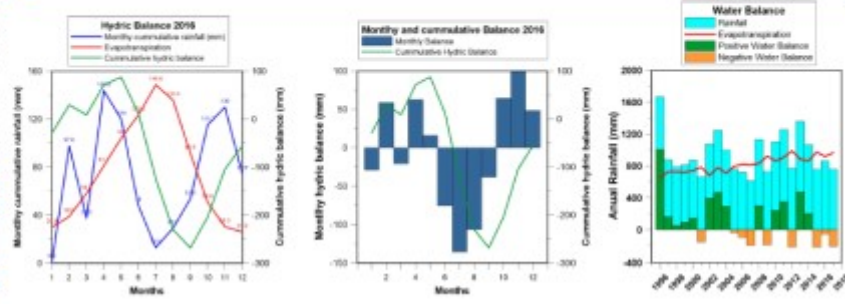


Annual mean values of:
Total Rainfall: 980 mm
Evapotranspiration: 516 mm
Total infiltration: 170 mm
Direct runoff: 214 mm

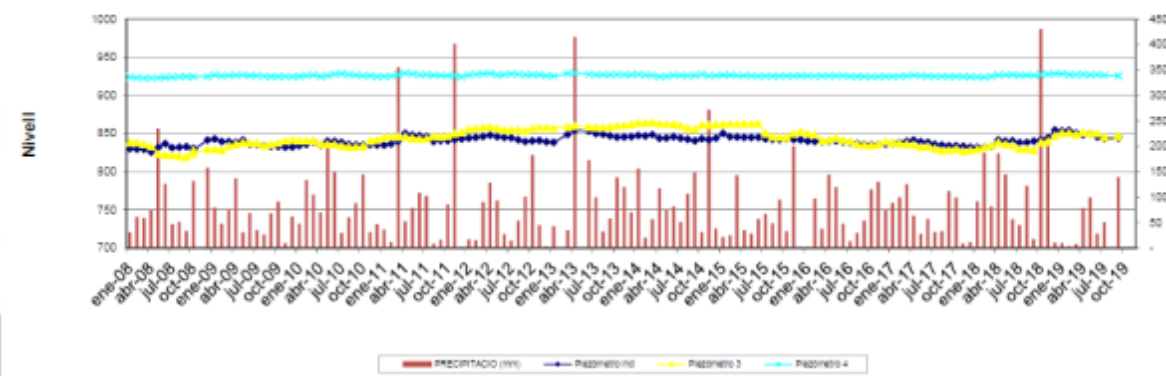
Wells profile



Water balance



Control Piezómetros (cota topográfica s.n.m.)



Auditorias



The Healthy Hydration Company™

Coneixent els grups d'interès

CRP 2.0 COMMUNITY RELATIONS PROCESS HOTLINE : contact your Region Water Resource Manager

STEP 1 – STAKEHOLDER MAPPING

STEP 2 – INTERNAL DIAGNOSIS

STEP 3 – EXTERNAL DIAGNOSIS

STEP 4 – ACTION PLAN

DASHBOARD

CRP 2.0 TOOLKIT
In order to implement CRP 2.0, make sure to have previously retrieved the documents below or contact your CRP 2.0 correspondent:

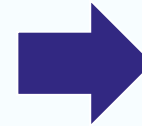
- Stakeholder interview template
- Template letter to request interview
- Acceptability survey brief

Create backup file by regularly clicking on the save your work button below

SAVE YOUR WORK

RESTORE YOUR WORK

SPAIN **VILADRAU** **23/09/2016**



CRP 2.0 > STEP 4 > ACTION PLAN

Overview of priorities Long List of actions Final Action Plan

INSTRUCTIONS
Click on priorities highlighted in **red** below to build your action plan

	Internal	External
WATER RESOURCE MANAGEMENT		
WATER QUALITY	concern	response
WATER QUANTITY	concern	response
INDUSTRIAL IMPACTS		
WASTE WATER AND FACTORY NUISANCES	concern	response
TRANSPORT SAFETY & NUISANCES	concern	response
RELATIONS WITH STAKEHOLDERS		
LOCAL POPULATION	concern	response
LOCAL AUTHORITIES	concern	response
LOCAL BUSINESSES	concern	response
LOCAL INFLUENCERS	concern	response
EMPLOYEES ENGAGEMENT	concern	response
LOCAL CONTRIBUTION		
LOCAL EMPLOYMENT BY NW	concern	response
LOCAL PROCUREMENT BY NW	concern	response
ACCESS TO DRINKING WATER	concern	response
COMMUNITY PROJECTS	concern	response
LOCAL TAXES	concern	response



CRP 2.0 > STEP 4 > ACTION PLAN

Overview of priorities Long List of actions Final Action Plan

INSTRUCTIONS
You will find below your final action plan.

Water quantity									
#	Action description	Targeted stakeholder	Launch date	Deadline	Budget	KPI	Responsibility	Status	Flagship action
1	Fit Periodical Meetings (at least twice/year) with main stakeholders of the Region (Arbúcies/Viladrau/Montsemp Park) to analyze and decide possible contribution on our side on the main activities planned by Stakeholders related to Water Management or just to share knowledge.	Local Authority of Arbúcies/Viladrau and Montsemp Park	N+1	March/17	---	# of Meetings Performed	Industrial Coordinator/Factory Manager	Completed	
2	Participate in case in the workshop of Water Management that Natural Park is willing to organize for 2017 (to be confirmed).	Montsemp Park	N+1	End 2017	tbc	Done/Not Done	Water Resources	Unstarted	
3	Clean and rebuild public fountain at the entrance of the Factory. Analyze possibility to put it again on service.	Montsemp Park and	This year	January/17	12,500	Done/Not Done	Factory Manager	Completed	
4									
5									

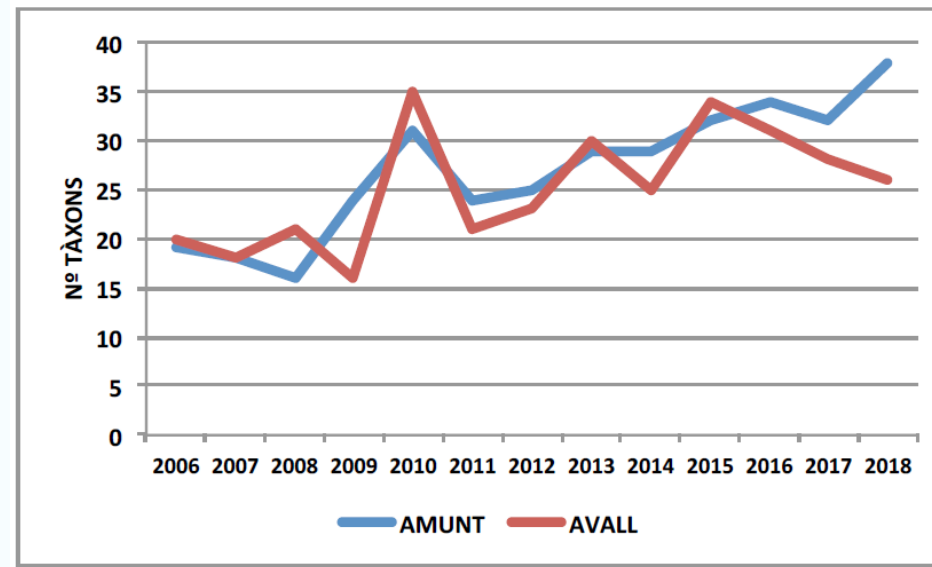
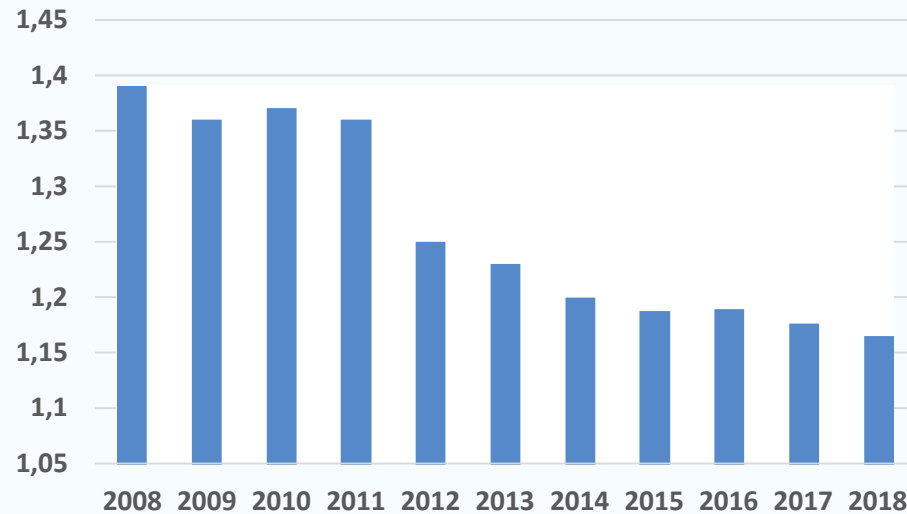
Local population									
#	Action description	Targeted stakeholder	Launch date	Deadline	Budget	KPI	Responsibility	Status	Flagship action
1	Review criteria and procedures with Market Marketing Team on the annual participation to the different events. Viladrau and Arbúcies perform on a yearly basis in order to have a better balance between both and to better contribute to our visibility on the Community.	Local Authority of Arbúcies and Viladrau	N+1	March/17	tbc on OPL/17	Done/Not Done	Marketing Manager	Completed	
2	Organize an Open Doors Day on the Factory for the local community.	Local Population	N+1	End 2017	500	Done/Not Done	Factory Manager	Unstarted	
3	Participate at least once on the Open Doors organized by University of Vic to find opportunities to...	Local Population	N+1	May/17		Done/Not Done	Factory Manager	Completed	
4									
5									

Employees engagement									
#	Action description	Targeted stakeholder	Launch date	Deadline	Budget	KPI	Responsibility	Status	Flagship action
1	Plan a visit to the Espai Montsemp for a better knowledge of all workers in the Factory of where we are placed and activities we participate on.	Internal	N+1	November/17	1,000	Done/Not Done	Factory Manager	Unstarted	
2									
3									
4									
5									

Community projects									
#	Action description	Targeted stakeholder	Launch date	Deadline	Budget	KPI	Responsibility	Status	Flagship action
1	Identify ONE big project to participate on with Montsemp Park in relation to Water Management and/or Community/Population benefit.	Montsemp Park	N+1	May/17	tbc	Done/Not Done	Industrial Coordinator/Factory Manager/Marketing Manager	Unstarted	
2	Work with High school of Arbúcies. Awareness raising on environment + explanation of our business and operations (2 sessions/year).	High School of Arbúcies	This year	End 2017		# Sessions Performed	Factory Manager/Water Resources	Unstarted	
3	Collaborate and/or allocate IS/IT materials to cover local needs (Schools, Local governments, etc).	Schools and Local Community	This year	June 2017		Done/Not Done	IS/IT and HR/HR Manager	Completed	

Mesurant els impactes

Indicador Agua extraída/Agua Envasada



For our communities



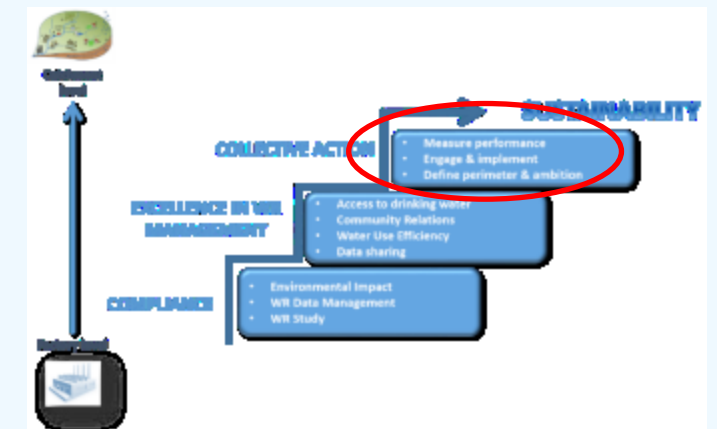
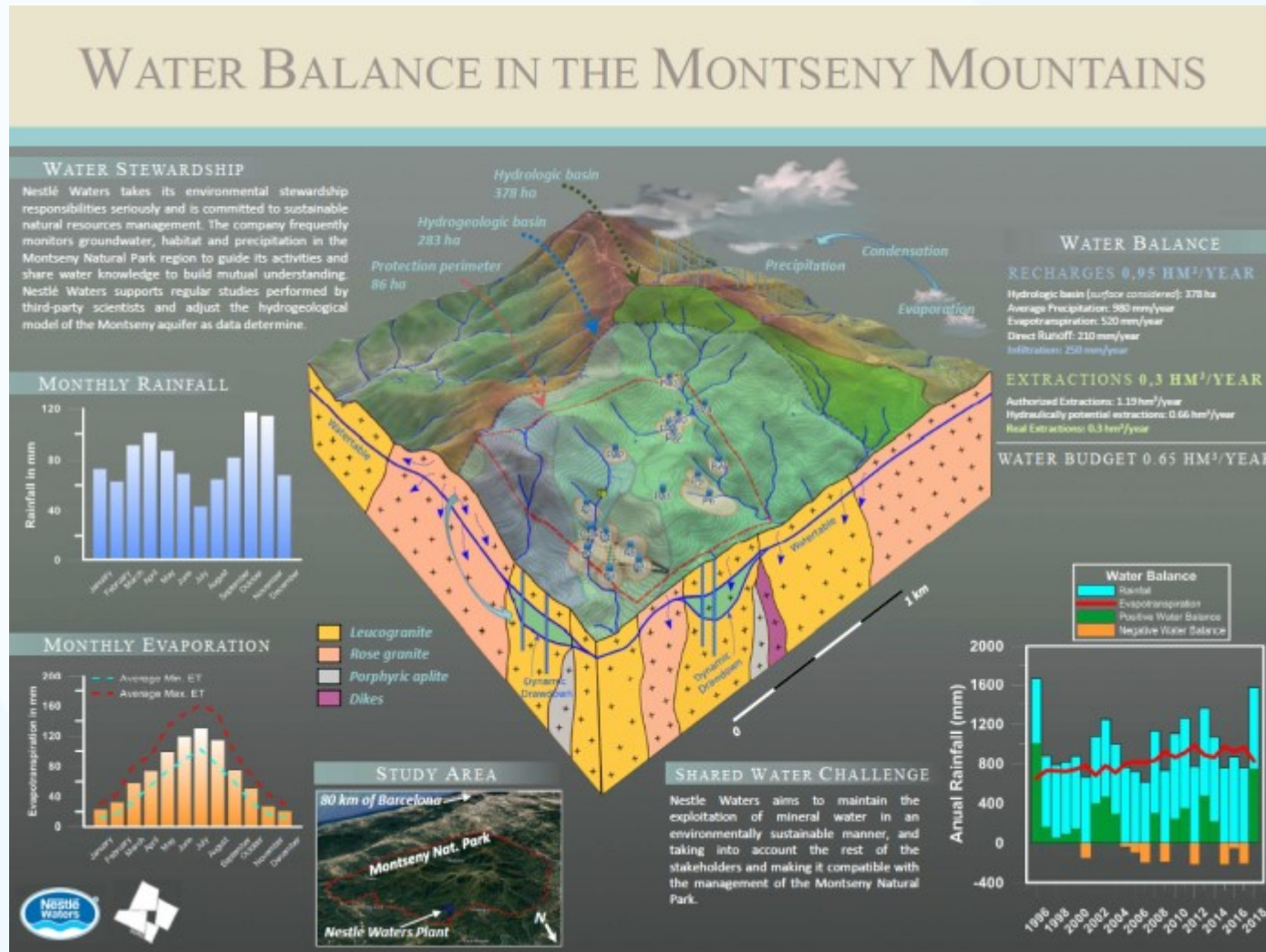
For the planet



The Healthy Hydration Company™

Creant i compartint elements de comunicació

For our
communities



The Healthy Hydration Company™

Implementant Accions Col·lectives



Accord Marc
Col·laboració
Parc Natural
del Montseny



+



Patrocini de l' "Espai
Montseny" i col·laboració amb
l' Ajuntament de Viladrau



Col·laboració amb el
màster de Ciència i
Tecnologia dels
Recursos Hídrics i La
Catedra de l'Aigua



Pla d'adaptació per la conca de La Tordera (2014-2017)



Celebració Dia mundial de l' Aigua

Certificació AWS aquest 2019

