



Chinese  
Women's Association  
of Port Vila



## Final Report 2013 Vanuatu Climate Zone Quiz

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## Introduction and thanks to Sponsors

The Government of Vanuatu organized a Climate Zone Quiz Competition in 2013, building on the success and generated interest of the previous year. This year's Climate Zone was primarily facilitated by the Vanuatu Ministry of Education, USP Vanuatu and SPC-GIZ Climate Change.

This year's quiz competition was financially and technically supported by:

- Government of Vanuatu
- National Advisory Board on Climate Change & Disaster Risk reduction
- Vanuatu Meteorology & Geohazards Department
- Ministry of Education
- Curriculum Development Unit
- Vanuatu Teacher's College
- SPC-GIZ Climate Change Program
- USP-PACE EU GCCA Climate Change Program
- SPC-USAID Food Security Program
- French Embassy Port Vila
- Chinese Women's Association of Port Vila
- VBTC and Television blong Vanuatu

## Key Contacts

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## Overview of 2013 Vanuatu Climate Zone Quiz

This year's competition was fully national and open to all secondary schools throughout the country (TORBA to TAFEA province). To ensure fairness in terms of time dedication and equality in team levels, only students from year 11 participated (years 10 and 12 are typically engaged in major exam preparations).

### Phase 1 Written Exam and Initial Selection- Nationwide!

1. Ministry of Education, NAB, USP, VMGD, and GIZ provided background information about climate change (including science, impacts, mitigation, adaptation, and special topics e.g. gender) to all year 11 secondary schools (both English and French language schools)
2. Schools were given nearly 2 months to study the information.
3. Each school then selected four year 11 students and a teacher to take part in the 2013 competition
4. On 19 September 2013, all student team took a written 'exam' (in English and French translations), at official exam centers in each province. All schools sat the same exam questions on the same date, which was to be treated as an official exam. There was a coordinator or proctor present to ensure that schools administered the exam fairly.
5. Completed exams were then sent back to the Ministry of Education for marking and school selection

### Written Exam Results

The result of the written exam was as follows for all participating schools<sup>1</sup>:

Province	Island	School	Language of Exam	Points from Written Exam
TORBA	BANKS	AREP JSS	ENGLISH	110.5
SANMA	SANTO	MOLIVALIVU	FRENCH	73
		CDL	FRENCH	71
		ST ANNE	FRENCH	54.3
		ST MICHEL	FRENCH	74.5
PENMA	AMBAE	ST PATRICK	ENGLISH	149.5
	PENTECOST	MELSISI	ENGLISH	64
	PENTECOST	RANWADI	ENGLISH	78
MALAMPA	MALEKULA	NORSUP	ENGLISH	56.8
	MALEKULA	RENSARIE	ENGLISH	119.5

	MALEKUAL	RENSARIE	FRENCH	80.8
	MALEKULA	ORAP	FRENCH	66.5
SHEFA	EPI	EPI HIGH SCHOOL	ENGLISH	107
	EFATE	ONESUA	ENGLISH	118.5
	EFATE	MONARTE	FRENCH	99.5
	EFATE	EPAUTO	ENGLISH	96.5
	EFATE	ECOLE COLADO	FRENCH	92.5
	EFATE	LYCEE LAB	FRENCH	80
	EFATE	CENTRAL	ENGLISH	137.5
	EFATE	MALAPOA	ENGLISH	164.5
TAFEA	TANNA	LOWANATOM	FRENCH	60.5
	TANNA	LPC	ENGLISH	124.5
	TANNA	TAFEA	ENGLISH	71

Some schools failed to turn up at exam centers or otherwise chose of their own accord not to participate in this year's Climate Zone 2013. All schools were notified by the Ministry of Education and fully invited to participate

### Phase 2 Final Competition in Port Vila

1. The highest scoring team from each of Vanuatu's 6 provinces was selected to participate in the semi final and final competitions in Port Vila from 4-8 November 2013. The date of the final corresponded with the National Climate Change Symposium being organized by the Vanuatu National Advisory Board on Climate Change & Disaster Risk Reduction. Only one school per province was invited to participate in the final competition, despite points being higher than schools in other provinces.
2. The November 2013 final competition was videotaped and shown on Television blong Vanuatu.
3. All travelling teams (4 students + 1 teacher) were be provided with air tickets, accommodation and per diem while in Port Vila by sponsors
4. All travelling teams were awarded a water tank by the Chinese Women's Association for their participation

### The schools invited to participate in phase 2 included:

TORBA province was represented by Arep Junior Secondary School at Banks Island, SANMA provinces was St. Michel at Santo Island, PENAMA province was represented by St. Patrick College at Ambae Island, MALAMPA province was represented by Rensarie College at Malekula Island, SHEFA province represented by Malapoa College at Efate Island and TAFEA province represented by Lenakel Presbyterian College at Tanna Island.

## Calendar of Events in Climate Zone 2013

DATE	Key Activities
APRIL 2013	<ul style="list-style-type: none"> <li>• Develop Monthly Plan for Climate Zone 2013</li> <li>• Seek Funding from Partners</li> </ul>
MAY 2013	<ul style="list-style-type: none"> <li>• Invitations to participate sent to all schools form Vanuatu Ministry of Education</li> <li>• Schools confirmed their participation.</li> </ul>
JUNE 2013	<ul style="list-style-type: none"> <li>• Technical partners developed questions for written exam.</li> <li>• Translations to French</li> <li>• Study materials compiled and sent to school teams for study</li> <li>• Schools selected teams</li> </ul>
SEPTEMBER 2013	<ul style="list-style-type: none"> <li>• Written test taken by all students on 19 Sept</li> <li>• Written exams marked and semi final schools notified</li> </ul>
OCTOBER 2013	<ul style="list-style-type: none"> <li>• Semi Final and Final Questions developed by technical partners</li> <li>• Translations to French</li> <li>• Logistic arrangements made for travelling teams</li> <li>• Sets at VBTC purchased and built</li> </ul>
NOVEMBER 2013	<ul style="list-style-type: none"> <li>• 4-8 November semi final and final competitions filmed at VBTC studio</li> <li>• 8 November prize ceremony</li> </ul>

## Students and Teams in Semi-Final

### List of students and schools taking part in semi final Climate Zone 2013

Schools/Island	Teacher	Students
St Michel (Santo)	Jean Philippe Sam	Bong Amos
		Telukluk Jennifer
		Dickinson Bibi
		Dennie Rita
Rensarie Anglophone (Malekula)	Hicklington Aru	Nelson Andrew
		Pauline Jacob
		Violetla Lingban
		Delca Maltontong
Arep JSS (Vanualava )	Freddy Mata	Dorina Wasarak
		Nelly Keker
		Pinoi Patterson
		Knox Lilip
Lenakel Secondary School (Tanna)	Iaka Maimai	Luana Naparau
		Marineth Nalpini
		Kevin Kapalu
		John Wilson
St Patrick College (Ambae )	Elvin Boe	Ralph Garae
		Martina Tavoia
		Larry Billy
		Liency Boe
Malapoa College (Efate)	Austine Hinge	John Amos
		Garvin Liang
		Sonya David
		Bridgitte Bani

## Rules of Climate Quiz 2013

During each match there are 3 rounds:

- i. Round 1: Six (6) multiple choice questions + 6 true false questions (worth 1 point each)
- ii. Round 2: Ten (10) short answer questions (worth 3 points each)
- iii. Round 3: Four (4) Picture-based discussion questions (worth 5 points each).

Two facilitators ask the questions verbally in both English and French. The questions are shown on a large screen in both English and French.

All questions are asked in rotation from team to team, and from student to student.

1<sup>st</sup> question: Team A/Student 1

2<sup>nd</sup> question: Team B/Student1

3<sup>rd</sup> question: Team A/Student2

4<sup>th</sup> question: Team B/Student2

etc.

This order of asking questions is maintained throughout the match.

Students must answer verbally, but have a choice of answering in English or French. A timer will be used to indicate the allotted time for answering... if the allotted time expires, no points will be awarded.

A panel of distinguished judges decides on the correctness of each answer given in the match. The judges' rulings are final.

The majority of questions are based on the climate zone study materials already provided to each school before the written exam in September 2013.

The two highest scoring teams from all matches in the Semi-Final move onto the FINAL.

All semi-final and final matches are recorded and rebroadcast on Television blong Vanuatu.

### Specific Round 1 Rules

The facilitators ask the true false, multiple choice question to the assigned student. Once the question has been fully read, the student is given 10 seconds to provide an answer. No discussions or communication (verbal, written or body language) with team mates is allowed. The panel of judges indicates if the answer is correct, which is verbally related by the facilitator to the student. A correct answer is worth 1 point will be added to the team score for the match. If the answer given is incorrect, the facilitator will state the correct answer and move to the next question to the next team.

## Specific Round 2 Rules

The facilitators ask the short answer question to the assigned student. Once the question has been fully read, the student is given 10 seconds to provide an answer. No discussions or communication (verbal, written or body language) with team mates is allowed during this phase. The panel of judges indicates if the answer is correct, which is verbally related by the facilitator to the student. A correct answer is worth 3 points and will be added to the team score for the match. **NO PARTIAL ANSWERS OR POINTS ARE ALLOWED.**

If the answer given is incorrect, the facilitator allows the full team to discuss for a further 10 seconds to provide a second answer. The panel of judges indicates if the second answer is correct, which is verbally related by the facilitator to the student. A correct second answer is worth 2 points.

If the second answer given is incorrect, the facilitator allows the opposing team the opportunity to provide a third answer immediately (no extra discussion time is allowed, although the opposing team is allowed to discuss while the original team is also discussing). The panel of judges indicates if the third answer is correct, which is verbally related by the facilitator to the student. A correct third answer is worth 1 point to the opposing team.

## Specific Round 3 Rules

The facilitators ask the picture based discussion question to the team as a whole. Once the question has been fully read, the team as a whole is given 20 seconds to provide an answer. Discussions and communication (verbal, written and body language) is allowed and encouraged during this phase. The panel of judges indicates if the answer is correct, which is verbally related by the facilitator to the team. A correct answer is worth 5 points and will be added to the team score for the match. **NO PARTIAL ANSWERS OR POINTS ARE ALLOWED.**

If the answer given is incorrect, the facilitator allows the opposing team the opportunity to provide a second answer immediately (no extra discussion time is allowed, although the opposing team is allowed to discuss while the original team is also discussing). The panel of judges indicates if the answer is correct, which is verbally related by the facilitator to the team. A correct answer is worth 3 points to the opposing team.



### Schedule of Semi-Final Matches during Climate Zone 2013

Date	Match /Time	School 1 & Game #	VS	School2& Game #
	<b>Semi- Final Round</b>			
Monday 4 November	Match1. 12:30pm- 2:30pm	Arep (Torba) Game1	VS	Rensaie (Malampa) Game1
	Match2. 4:30pm- 6:30pm	StMichel (Sanma) Game1	VS	Malapoa (shefa)Game 1
Tuesday 5 November	Match3. 7:00am- 9:00am	St Patrick (Penama) Game 1	VS	Lenakel (Tafea) Game 1
	Match 4. 9:30pm- 11:30am	Arep (Torba) Game 2	VS	St Michel (Sanma) Game 2
	Match 5. 12:30pm- 2:30pm	St Patrick (Penama) Game 2	VS	Rensarie (Malampa) Game 2
	Math 6. 4:30pm- 6:30pm	Malapoa (Shefa) Game 2	VS	Lenakel (Tafea) Game 2
Wednesday 6 November	Match 7. 7:00am- 9:00am	Arep (Torba) Game 3	VS	St Patrick (Penama)Game 3
	Match8. 9:30pm- 11:30am	Lenakel (Tafea) Game 3		St Micheal (Sanma) Game 3
	Match 9. 12:30pm- 2:30pm	Rensarie (Malampa) Game 3		Malapoa (Shefa) Game 3
	Math 10. 4:30pm- 6:30pm	Arep (Torba) Game 4		Lenakel (Tafea) Game 4
Thursday 7 November	Match 11. 7:00am- 9:00am	Malapoa (Shefa) Game 4		St Patrick (Penama) Game 4
	Match12. 9:30pm- 11:30am	Rensarie (Penama) Game4		S Michel (Sanma) Game 4
	Match 13. 12:30pm- 2:30pm	Malapoa (Shefa) Game 5		Arep (Torba) Game5
	Math 14. 4:30pm- 6:30pm	Lenakel (Tafea) Game 5		Rensarie (Penama) Game 5
Friday 8 November	Match 15: 7:30am- 9:30am	St Michel(Sanma) Game 5		St Patrick (Penama) Game 5
	<b>Tie –Breaker</b>			
	10:00am – 11:30am	Lenakel (Tafea )		St Patrick
	<b>Grand Finale</b>			
	1:30pm-2:30pm	Lenakel (Tafea)		Malapoa (Shefa)

### Semi-Final Scores for all Teams

Schools	Game 1	Game 2	Game 3	Game 4	Game 5	Total marks	Ranking
Malapoa College	33	29	33	36	31	<b>162</b>	<b>1</b>
Lenakel Presbyterian College	21	22	19	17	21	<b>100</b>	<b>2</b>
St Patrick College	25	30	21	9	15	<b>100</b>	<b>3</b>
Rensarie	15	18	16	20	17	<b>86</b>	<b>4</b>
Arep	12	11	15	23	14	<b>75</b>	<b>5</b>
St Michel	13	6	15	1	2	<b>37</b>	<b>6</b>

#### Tie-Breaker Sores

**Lenakel (Tafea) : 13**

**St Patrick (Penama) :8**

#### Grand Finale

**Malapoa (Shefa): 23**

**Lenakel (Tafea): 17**

### Prize Giving Ceremonies and Field Trip

After the Grand Finale, all Climate Zone participating schools went to Salarana Park to receive their certificates of participation from the Director General of the Ministry of Climate Change. Cash prizes were awarded to the top winning schools which is Malapoa College and Lenakel Presbyterian College.

On Saturday 9th of November all the students had a field trip to Pele Island which is one of SPC-GIZ Pilot sites to visit the adaptation activities undergoing trials there. On the evening of the

9<sup>th</sup>, each school had a student and teacher representative on hand to official receive their school's 1100L watertank from the Chinese Women's Association.

And on Sunday 10th and 11<sup>th</sup> of November all the schools return back to their island.

## Detailed Budget Breakdown for Climate Zone 2013

DATE	DESCRIPTION	Detail numbers	AMOUNT	Sponsor	
	<b>Studio Setup material</b>	Lecterns, Backdrops, Student-Team Desks	VT 114,926	<b>SPC- GIZ</b>	
	<b>Tents for Closing Ceremony</b>	1 tent	VT 5350	<b>SPC-GIZ</b>	
	<b>Tents for Closing Ceremony</b>	1 tent	VT 6650	<b>SPC-USAID</b>	
1-11 November	<b>AIR FAIRS OF SCHOOL PARTICIPATION</b>	Arep (1 adult 4 student)	VT 162,990		<b>French Embassy</b>
3-10 November		St. Micheal (1 adult 4 student)	VT 125,740		<b>French Embassy</b>
3-10 November		St. Patrick (1 adult 4 student)	VT 121,610	<b>SPC- GIZ</b>	
3-10 November		Rensarie (1 adult 4 student)	VT 97,130	<b>SPC- GIZ</b>	
2-11 November		Lenakel (1 adult 4 student)	VT 111,340		<b>French Embassy</b>
				<b>VT 218,740</b>	<b>VT 400,070</b>
		<b>TOTAL COST</b>	<b>VT 745,736</b>		
<b>ACOMMODATION@ VILA HIBISCUS MOTEL</b>					
1-11 November		Arep JSS( 10 days)	VT 75,000	<b>SPC-USAID</b>	
3-11 November		St Michel (7 DAYS)	VT 52,500	<b>SPC-USAID</b>	
3-11 November		St. Patrick (7 DAYS)	VT 52,500	<b>SPC-USAID</b>	
3-11 November		Rensarie (7 DAYS)	VT 52,500	<b>SPC-USAID</b>	
2-11 November		Lenakel (7 DAYS)	VT 55,500	<b>SPC-USAID</b>	
		<b>TOTAL COST(include VAT)</b>	<b>VT 288,000</b>		<b>12</b>

			LESS TOTAL VAT	VT 32,000
			TOTAL COST (EXCLDE VAT)	<b>VT 256,000</b>
<b>ALLOWANCES</b>				
		Teacher per day	4student per day	Total number of days
				Total day school cost
	Arep JSS	2,500	1,000(4)	10
	St.Michel	2,500	1,000(4)	7
	St. Patrick	2,500	1,000(4)	7
	Rensarie	2,500	1,000(4)	7
	Lenakel	2,500	1,000(4)	8
	TOTAL COST	12,500	<b>20,000</b>	<b>VT 250,500</b>
<b>PRIZES</b>				
		FIRST PLANCE		VT 30,000
		SECOUND		VT 15,000
		TOTAL COST		<b>VT 45,000</b>
		Arep JSS		1 water tank
		St.Micheal		1 water tank
		St.Patrick		1 water tank
		Rensarie		1 water tank
		Malapoa		1 water tank
				EU GCCA ACP USP
				EU GCCA ACP USP
				EU GCCA ACP USP
				CHINESE WOMENS ASSOCIATION
				CHINESE WOMENS ASSOCIATION
				CHINESE WOMENS ASSOCIATION
				CHINESE WOMENS ASSOCIATION
				CHINESE WOMENS ASSOCIATION

		Lenakel	1 water tank	<b>CHINESE WOMENS ASSOCIATION</b>
		OVERALL COST TOTAL	<b>VT 1,297,236</b>	

### Budget Breakdown by Sponsor

NAME OF SPONSORS	ITEAMS SPONSORED	COST
SPC- GIZ	STUDIOS MATERIAL	114,926 VT
	TENT HIRE	5,350 VT
	AIR FAIRES	218,740 VT
	TOTAL	<b>VT 339,016</b>
FRENCH EMBASSY	AIR FAIRES	<b>VT 400,070</b>
SPC-USAID	ACCOMONDATION	256,000
	ALLOWANCES	250,500
	TENT HIRE	6,650 VT
	TOTAL	<b>VT 513,150</b>
EU GCCA ACP USP	PRIZES	<b>VT 45,000</b>
CHINESE WOMENS ASSOCIATION	PRIZES	<b>6 WATER TANK</b>
TOTAL COST		<b>1,297,236 VT</b>

### Lessons Learned and Recommendations for Climate Zone 2014

1. Climate Zone 2014
  - Climate Zone Vanuatu should be made an annual event for the following reasons:
    - a) Provides schools an extracurricular way to educate students about climate change issues
    - b) Is an educational mechanism for TV viewing audiences around Vanuatu
    - c) Gives Government and NGOs the opportunity to highlight and disseminate the successes of their work through the provision of questions and study materials

2. Preparation of Study Materials for schools in Advance of Climate Zone
  - Need to have some actual examples in real communities of climate change adaptation in Vanuatu within the different sectors of Governments included in the study materials. Focus should be on Agriculture, Fisheries, Health, Livestock, Environment etc. Local NGOs and government departments should be encouraged to write 1-page stories indicating the work they are undertaking in the field for the benefit of students.
  - Study materials must be available in both English and French for fairness, this is difficult as many materials do not exist in French and translation is both slow and costly.
  - Study materials should be provided in both hard and soft copy (this year only hard copy) to allow teachers to print additional copies for their students to study
3. Dates related to Vanuatu Climate Zone
  - The sending of invitations to schools must be done during the starting of school terms in February to provide adequate time for schools to organize themselves, choose teams and prepare.
  - Study Materials should be sent no later than 1 June of each year to allow students a full 3 months to study and prepare for written exams.
  - The final competition must be during schools holidays or 3 weeks before end of year examination periods. This year's Climate Zone was held the week before exams and therefore study sacrifices were made by students.
4. Participation of Schools
  - While it is fair that one school from each province is selected for the climate zone. Urban schools located in Port Vila/Luganville has an extremely unfair advantage over other secondary schools in rural SHEFA/SANMA province due to their exposure to TV media, newspapers and regular contact with climate change experts. It is thus proposed that a special competition be organized for urban vs rural schools in the future
5. Sponsorship
  - Adhoc sponsorship, while showing excellent cooperation among multiple partners, is not an appropriate mechanism for Climate Zone. Ideally, a single sponsor will provide the entire amount of funds required for all expenses.

- Funds must be sufficient to cover all expenses. For example in 2013, no funding was available to pay studio and editing costs to VBTC (1.2 million vatu). Unless funds are fully available for this expense next year, VBTC will no longer be able to cover these costs and maintain equipment. Minimum levels of sponsorship for a Vanuatu Climate Zone are in the range of 2.7-3.5 million Vatu.
  - Additional Sponsors must be fully identified, and funds transferred, at least 3 months before the final Climate Zone to allow time for logistical arrangements to be economically made.
  - Ideally, winners in the competition will be given more than just monetary prizes. It was proposed that winning schools be allocated funds and technical support to implement adaptation programs back in the provinces.
6. Questions in Climate Quiz
- This year's questions were heavily focused on Vanuatu, which should be continued into the future
  - Questions must be finalized at minimum 2 months before the climate quiz final to allow time for grammatical checks, translations and formatting.
  - Facilitators/moderators/judges must review questions and answers just prior to the start of each match to ensure that questions are read appropriately and correct answers agreed upon.
7. Judges
- Judges should be all ni-Vanuatu, and include representatives from NGO, Government and Academic organizations.
  - The feedback of judges should be made public so that students and viewing audience benefits from their expertise and the exercise becomes more educational in nature.
8. Supporters
- During filming, the studio audience should be filled with supporters to give motivation to the teams. It is proper that selected schools be supported by students from primary schools in Port Vila as an education opportunity.
  - The studio audience should also be made up of invited stakeholders dealing with climate change (e.g. local NGOs or Government Officers).