



da Costa Gomez

- **Sustainable Trade**
- **Nature**
- **Local production**
- **Volunteer work**
- **Children comic**





Sharella Riedel



Patrick Scannell

EDITORS

We trust we have to have selected a representation of all the fantastic developments on our beautiful island of Curacao.

Humanity is choosing to change her way and the trend is not lost on Curacao.

Everyday we have more local companies starting up. More foundations and organizations which are committed to create / assist in more sustainable development and trade. You too can empower these companies by getting to know them and supporting their goals.

Click on links in the magazine to browse for more information when needed.

Each one of us is the start for change and improvement. Together we can create fabulous results for the entrepreneur, ourselves and our planet. We are one global family creating local changes.

Join us and let us uplift the experience of existing in more than our own moment of pleasure and create a planet filled with happiness, health, friendship and wealth.

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Michelle Pors -da Costa Gomez

Why fly around the flowers if you can sit in between the flowers and enjoy the nectar. The hummingbird spam continues as this little female Blue-tailed Emerald hummingbird visits the flowers of the Bromelia humilis for a calorie-rich nectar snack.

Blenchi - February 2020



Michelle Pors-da Costa Gomez
Nature photography| 2019 | Curaçao

Eye to eye with an Osprey On one of the light poles, drying up and making sure its feathers were in pristine order, we had the time to observe this beautiful migratory bird in close proximity.

Osprey - Visarend - Gabilán Piskadó

October 3 2019 Curacao



Michelle Pors - da Costa Gomez

Have you ever observed what a Yellow Oriole looks like on its back? Most pictures you see of Yellow Orioles or Trupial Kacho portrays them from the front, with the characteristic black 'bib' under the chin. Trupial kachó - Gele troepiaal Curacao February 2020

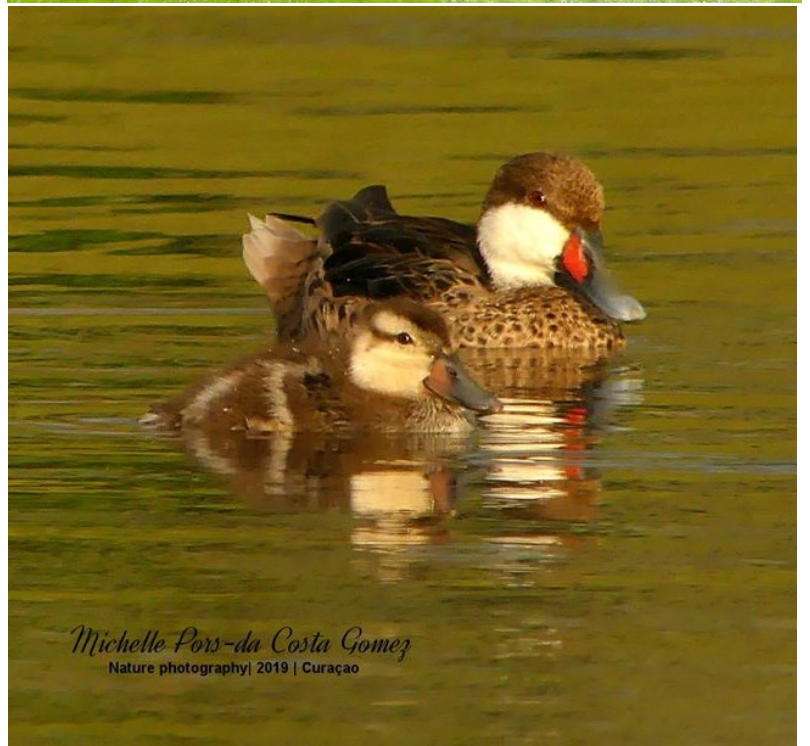
Thank you Michelle Da Costa Gomez for the fabulous Curacao nature pictures on our cover, page 4 and 5.

A green long-legged fly. Long-legged flies (*Dolichopus* spp) are beneficial insects in agriculture as they prey on other insects like aphids and mites. Photographed at Hofi Cas Cora Curacao Febru-

Michelle also is the founder of Curacao Footprint Foundation. Find them on Facebook: <https://www.facebook.com/curacaofootprintfoundation/>

Ducks are cute to look at. Ducklings are even cuter. Duckling on Curacao are somehow in a league of their own, as it is almost a crazy sight to see these fluffy animals in these numbers

Some birds will get a truly amazing plumage when they come into the breeding season and one of the best examples is the Snowy Egret. Snowy white throughout the year will get additional feathers with almost lace-like qualities which give the birds a 'bride-like' appearance.





A photobioreactor for algae. https://commons.wikimedia.org/wiki/File:Photobioreactor_PBR_4000_G_IGV_Biotech.jpg

Waterplants: a Solution for Climate, Waste and Energy?

It is no secret that Curaçao is facing major issues with climate change and pollution: not only is oil running out as an energy source on which we depend, but our coasts are increasingly threatened by the waste we produce, leading to unhealthy and low food resources.

Here CaribAlgae steps in: an innovative start-up that aims to solve our most pressing issues through state-of-the-art biotechnology. The method centers on algae, a type of plant that grows in water. By feeding off waste products in the water, the algae turn them directly into oil products. These oils can then be extracted from the algae to create electricity, similar to biodiesel's extraction from corn and other land plants. In this way, clean water and energy are produced from simple sunlight.

“Algae have great potential in combating climate change,” says Avila Lindgren, scientist, engineer, and founder and CEO of CaribAlgae. “They are a carbon-negative source of energy. By absorbing CO₂ as they grow, they remove more greenhouse gases from the atmosphere than is released when they are eventually burnt as fuel.”

Other benefits of the technology include economic opportunities in the form of engineering jobs and localized energy production rather than dependency on importation. Thus, bioalgae can potentially be a sustainable solution and alternative for fossil fuels as a main economic engine.

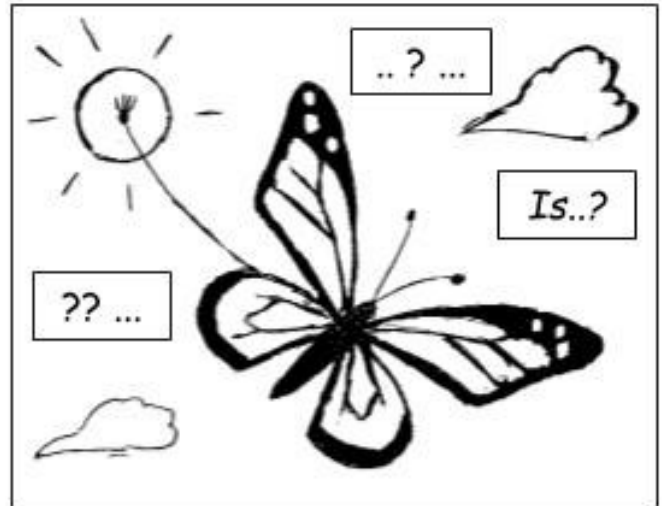
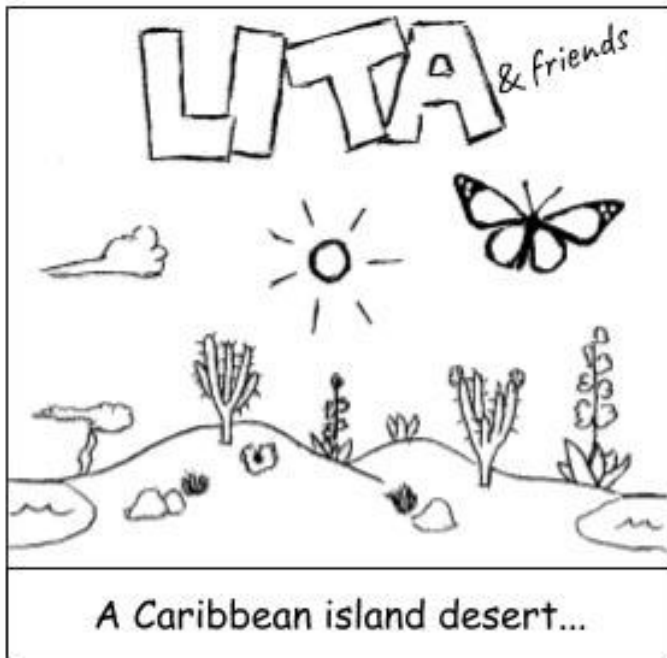


Avila Lindgren, founder of CaribAlgae

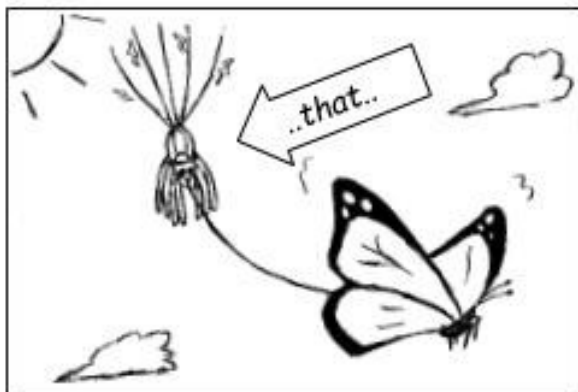
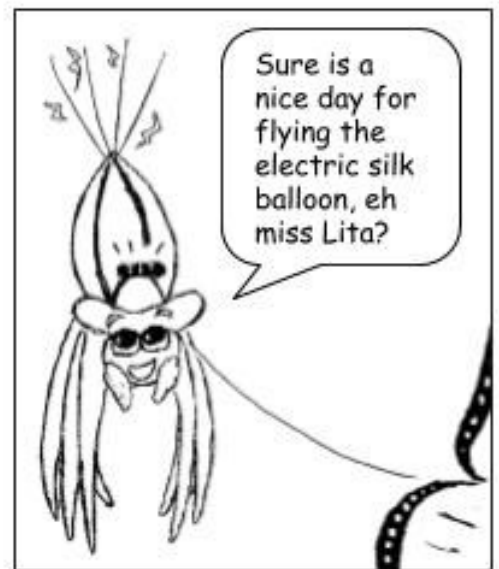


Check out Asyla Ten Holt creative attitude: <http://www.iammadein.com/curacao/1419/my-creative-attitude>

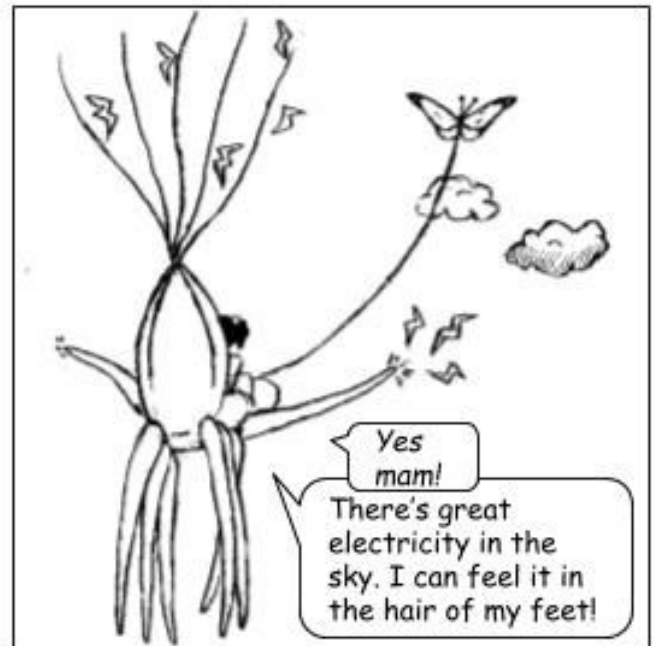


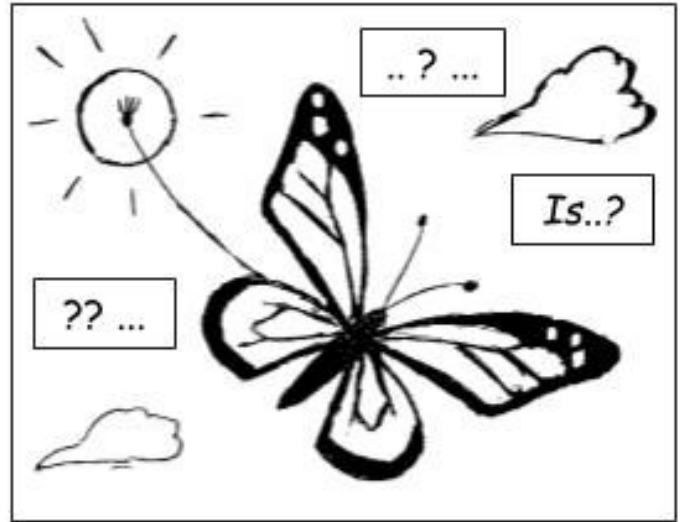


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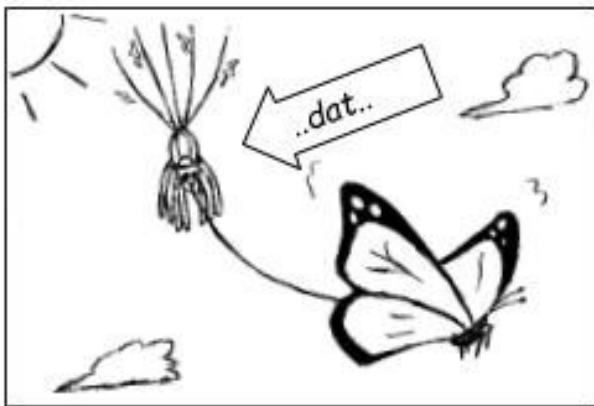


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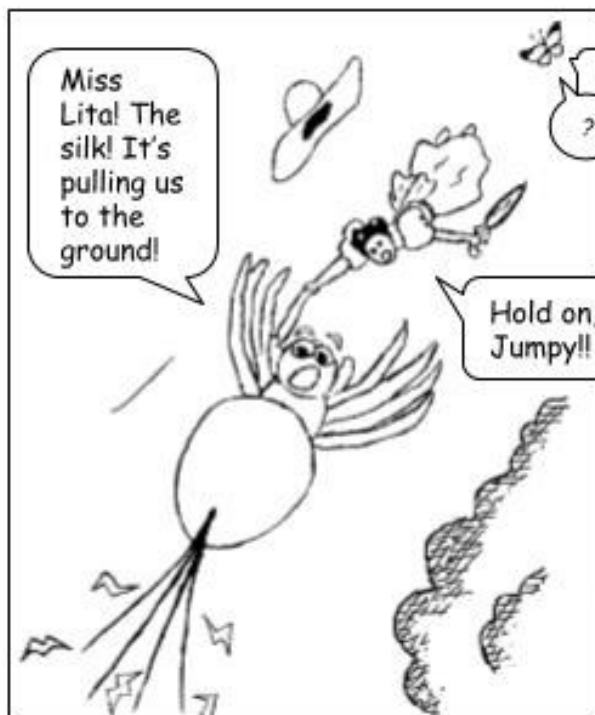
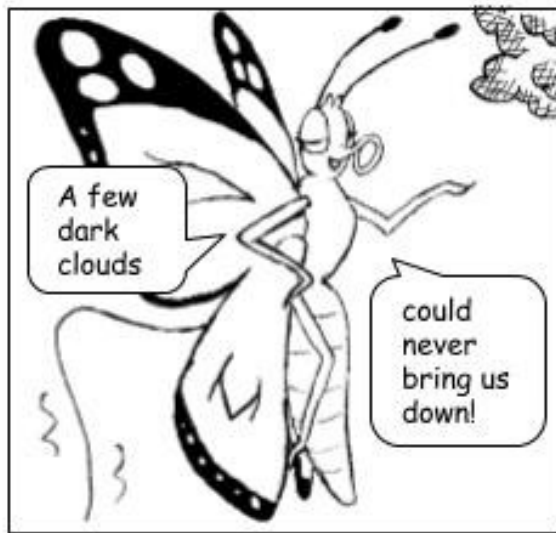
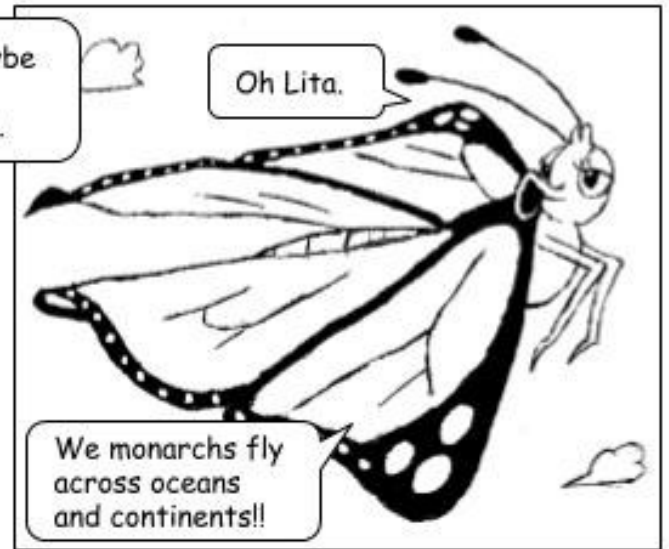
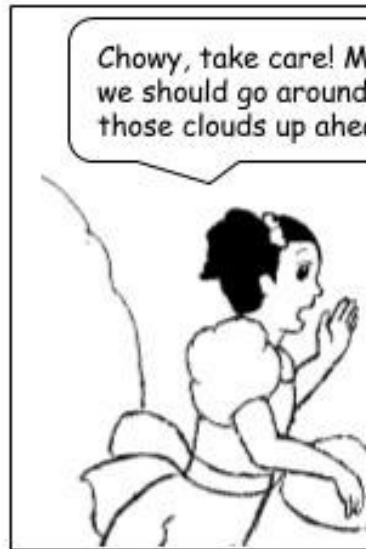


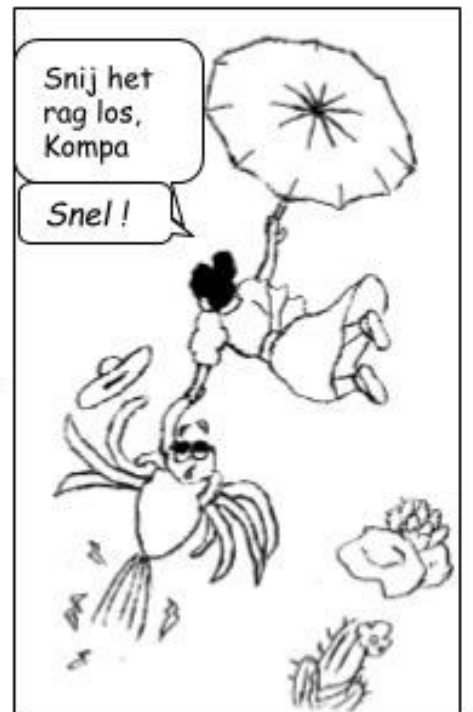
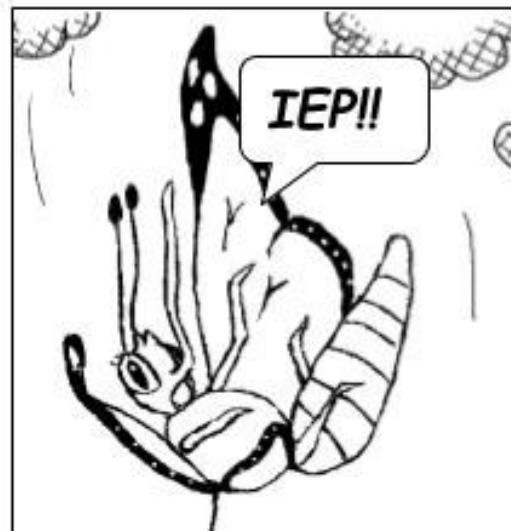
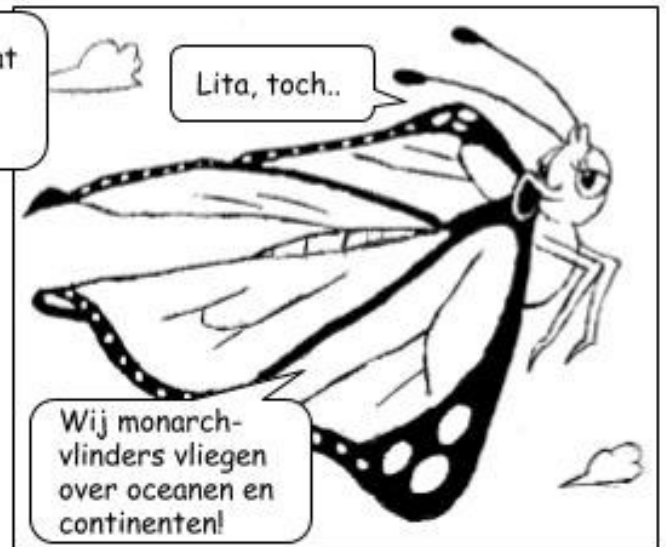
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... een
SPIN
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Wordt vervolgd...



Hi kids. I'm Boola Bitsy, the spider. My friends call me "Jumpy." You can call me that too!



Did you know spiders can fly? That's right. We can fly! Here's how

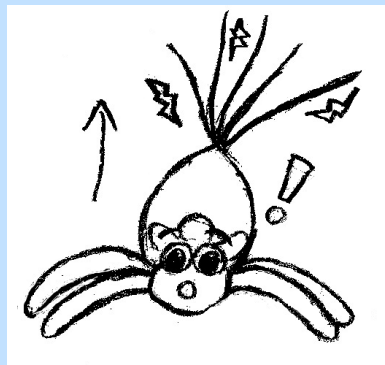


When I want to take to the skies, I feel the air with my feet. They have special hairs called trichobothria. They can sense electric charges.

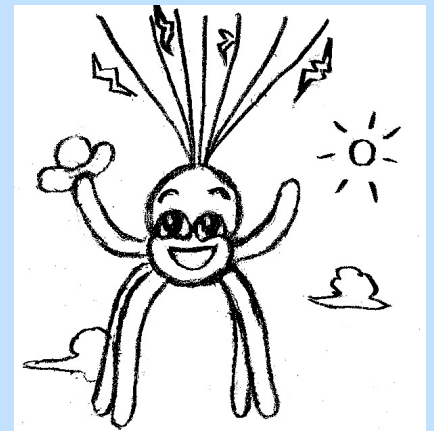
You've seen lightning, right? The electric charge Jumpy is feeling is the same that causes lightning. Or maybe you've seen static sparks from wool causing your hair to stand straight up? That too is because of electric charges.



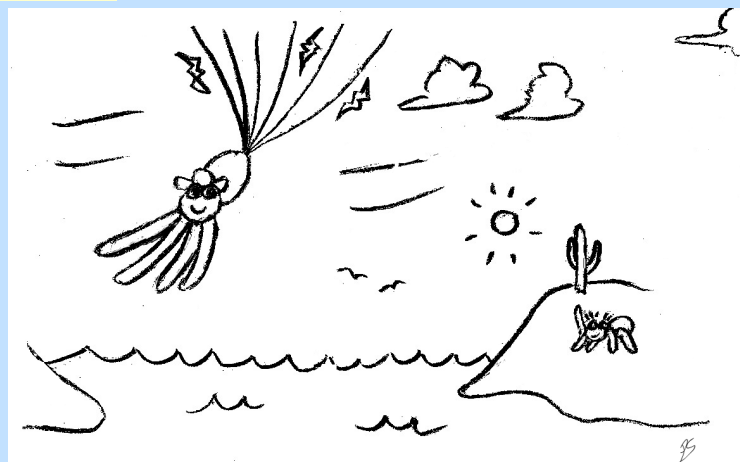
Now that I know there is a charge, I spin strands of special silk, called gossamer. The silk gets charged...



The silk becomes like a magnet. (You know those magnets pulling on the fridge?) The silk pulls me up ...



..... and into the sky like a hot air balloon !!



Now my silk balloon can catch the wind, just like a sail. Spider flight is called ballooning or kiting. I can travel the world this way !! ... I can even go over the sea from Curacao to Aruba to visit my cousins. Maybe I will make new friends, who knows? I can go anywhere!

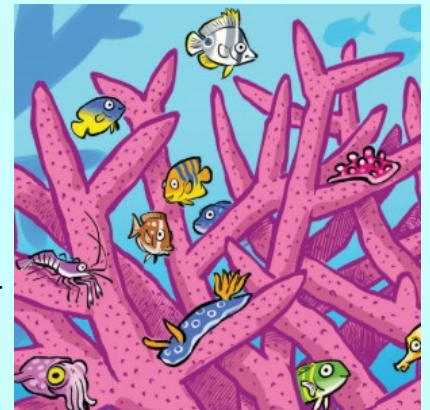


Boven: Jo, Samy, Bran, en Al. Zij gaan ons meenemen naar een kleurrijke onderwaterwereld. www.secore.org

Koraal: De Helden Van Onze Kust

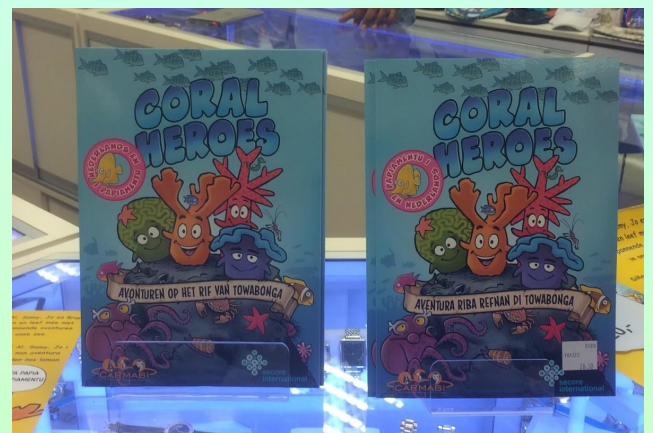
Dag kinderen. Maak kennis met onze koraal vriendjes Jo, Samy, Bran, en Al. Zij gaan ons meenemen naar een kleurrijke onderwaterwereld. Zijn jullie klaar?

In het stripboek “Koraal Helden” kun je zien hoe onze vriendjes met elkaar een heuse onderwaterstad bouwen, genaamd koraalrif. Denk maar aan de tekenfilm Finding Nemo, waar Nemo en zijn vader in een anemoon op het koraalrif leven. Er wonen er talloze diertjes, van zeeëgels tot zeeslakken tot vissen in alle kleuren van de regenboog! Misschien heb je ze wel eens gezien in een aquarium? Of misschien heb je wel eens karkó of piská kórá gegeten? Deze wonen net als Nemo allemaal op het koraalrif.



Onze vier vriendjes zijn zelf ook nog jonge koralen. Van de octopus Doc leren ze van alles over hoe koralen nou echt leven en groeien. Ze ontdekken dat de koralen onze kusten en stranden beschermen wanneer het stormt. Ze ontmoeten zelfs mensen die met volle maan op het rif duiken. Zo leren ze ook waar baby koraaltjes vandaan komen. Een dik avontuur!

Je kunt “Koraal Helden” bij Mensings Caminada halen of online bekijken op www.secore.org. Je kunt hem zelfs in Papiamentu en andere talen krijgen.



Time to chill in Curacao



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A promotional banner for an Orlando Resort Getaway. The background shows a father and a young girl with Minnie Mouse ears. The text on the banner includes: "Orlando Resort Getaway", "3 Days/ 2 Nights ★★★★★", "✓ Luxury Studio Suite", and "+ FREE transportation to Attractions". The price is listed as "\$59". There is a "WR" logo in the bottom left corner and navigation arrows on the left and right sides.

Time to chill in Curacao



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Greening Willemstad: Planting Trees in Saliña

The quest to beautify the city is continuing with new trees being planted in Willemstad-Curacao.

Curaçao Nature Conservation collaborated with Greening The Desert to organize several volunteers to plant trees along the Boulevard on Schottegatweg Zuid.

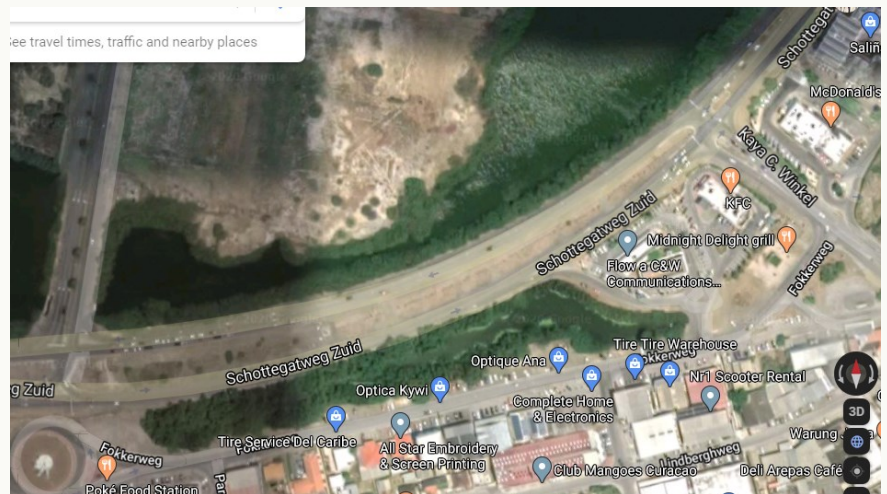
The trees, *Samanea saman* or rain tree, are expected to grow to provide a full umbrella-like canopy across the boulevard. This will provide the area with shade, protection from car noise on the road, and reducing air pollution. Thus making the area attractive for visitors and for pedestrians in Saliña to gather and enjoy the outdoors.

The trees will require regular watering by volunteers for a year before the roots will be well-established.

Interested in volunteering or joining future tree-planting events? Get information on the website: www.curacaonature.org



Volunteers planting young trees on the island. The trees are visible from the road.

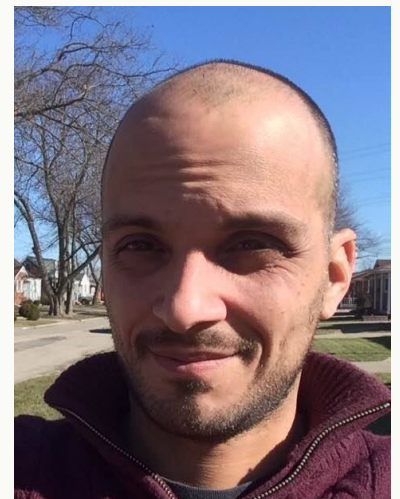


The island in the road on Schottegatweg Zuid is the location chosen for greening.

Made In Curaçao is pleased to welcome Patrick A. Scannell as contributing content creator to the magazine.

Patrick is a medical doctor and scientist who specialises in lifestyle, social, and sustainability issues that affect health. He is especially interested in holistic approaches that include both traditional and natural as well as modern science. He is well-trained in media communications and education.

Patrick will be contributing pieces related to food, lifestyle, culture, environment, science, social and sustainable innovations.



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ARUBA'S NATURE



Three recently fledged Burrowing Owlets scan the surroundings from inside the burrow.

ARUBA'S NATURE



Two Black-bellied Whistling Ducks spend some time relaxing in the Bubali wetlands.

Itchy nose. Close-up of an Upland Sandpiper, a rare visitor on Aruba, that holds a tiny beetle at the end of its beak



Aruba Named after not one, but two gemstones. The Ruby-topaz hummingbird (Dornasol), a double gem in Aruba. With a weight of only 5 grams, it's equivalent to 25 carats of shining beauty.

We thank Michelle Da Costa Gomez for the pictures and information on the fauna of Aruba.



Growing Corals – Our Approach to Restore Coral Reefs Around the World

A full video explaining the process of coral growing can be seen on youtube:
<https://www.youtube.com/watch?v=48PxHyaK3GA>

Caring for Corals: Keeping Curaçao's Coasts healthy

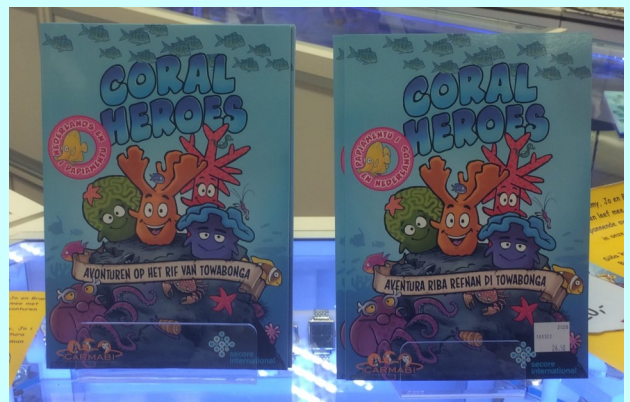
A new papiamentu comic book was launched at Mensing's Caminada in January 2020 by CARMABI in collaboration with SECORE International, a conservation group working to protect coral reefs worldwide.

The book explains in fun colourful comic panels how reefs help protect our coastline from waves during big storms. This is even more important with climate change, which causes sea level rise and more frequent tropical storms and therefore threatens our coasts.

The book also teaches how corals provide homes for fish that keep the corals clean. Without the coral reef, we would have much less fish to eat on our markets.

As our reefs are being damaged daily by warming seas, coastal run-off, and overfishing, it is even more important to raise community awareness about the importance of reefs to our well-being. SECORE and CARMABI are spearheading this not only by teaching children to care about coral reefs, but also by growing baby corals that are introduced to the reef so that they can replenish the next generation.

Right: The comic book illustrates how baby corals ("spawn") are collected at full moon. They are then grown in protected environments until they are old enough to be reintroduced to the reef. www.secore.org



Above: Comic book newly available in both Dutch and Papiamentu.



“We have gone from only 200 to 300 attachments of elkhorn coral in 2010, to about 15,000 attachments of various species in the past year,” reports Dr. Valérie Chamberland, Research Scientist at SECORE International. “While our work revolved around a single species ten years ago, we are now experimenting with 10 to 15 different species every year.”



How to Raise Baby Corals | bioGraphic

Above: Dr Valérie Chamberland of SECORE explains how corals are grown. <https://www.youtube.com/watch?v=9bwG57Xzh0k>

The figures look promising. Nevertheless, Chamberland stresses that challenges remain: the baby corals have a high rate of mortality once transferred back to the reef. To guarantee success, the coral needs optimal conditions that can only be achieved by “reducing pollution, caring about our fish stocks, and addressing climate change.”

The figures look promising. Nevertheless, Chamberland stresses that the challenges remain: the baby corals have a high rate of mortality once transferred back to the reef. To guarantee success, optimal conditions are needed for the baby corals. And to achieve this “we need to start by reducing pollution, caring about our fish stocks, and addressing climate change.”



Above: Visitors were offered a virtual-reality view of scientists from CARMABI and SECORE collecting baby corals on the reef at Mensing’s Caminada.

At the comic book launch, visitors were also given much opportunity to learn about the process of coral growing, including a virtual reality demonstration and observing live corals born just a few hours before through a microscope.



The colourful cast of coral characters provide entertaining education for children of all ages.

www.secore.org

Previously available in French, English, Italian, Spanish, German and Indonesian, the new book will provide a great learning tool to educate the youth on the importance of our coral reefs and how we can preserve them.

For more about SECORE, visit their website: <http://www.secore.org/site/about-us.html>

For more about CARMABI, visit <http://www.carmabi.org/>



Above: A zero liquid discharge system is being proposed for water desalination.
https://upload.wikimedia.org/wikipedia/commons/3/3a/Zero_liquid_discharge_system.png

Scientific Research For Local Climate Solutions

To promote sustainable development in the Dutch Caribbean, the Netherlands Organisation for Scientific Research (NWO) is partnering with organisations across the islands to perform research geared towards making the islands more climate-resilient.

Multiple local organisations, foundations and public bodies are collaborating across multiple systems to investigate how climate will impact us and our people, and how we may prepare to adapt and improve our population well-being in a changing world.

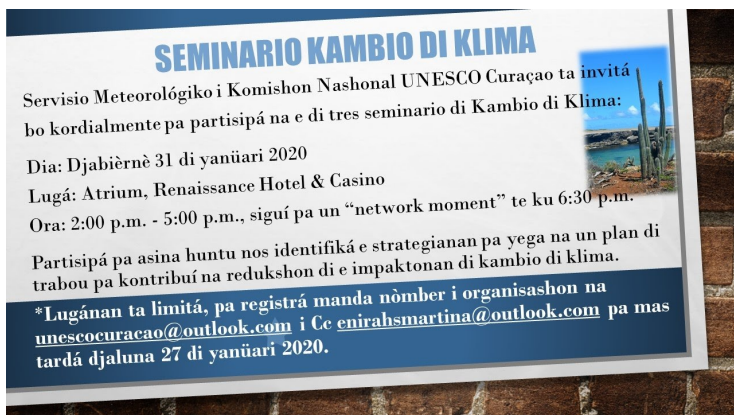
Topics covered by the research include:

- Testing new technologies that provide freshwater for drinking and agriculture.
- Investigating pollution of the ocean and its effects on our food supply and health.
- Providing alternative sources of energy and electricity.
- Improving infrastructure and mental health resilience for the SSS-islands to recover and prepare for increasing storms.
- Investigating cultural, institutional, and governmental roles in building climate change resilience

The projects aim to liaison and collaborate with island residents intimately for maximum participation of the whole community. For this, members are encouraged to seek out and build partnerships within the networks taking on this very important task to safeguard the future of our communities.

Workshops are set to begin in March. For more information and to participate, check the NWO website and click on each project:

<https://www.nwo.nl/en/research-and-results/programmes/alw/caribbean-research-a-multidisciplinary-approach/selected-pre-proposals-within-the-call-for-programme-chairs.html>



MDC Organises Seminar- io Kambio di Klima

UNESCO and Meteorological Department of Curacao (MDC) organised a seminar on climate change in January 2020 at Renaissance Hotel & Casino.

Members of the community could attend talks of solutions put forward by MDC and weigh in on topics. Participants of the seminar identified the main priorities for Curacao to tackle climate change:

1. Water storage. The current changes in rainfall makes it necessary to capture water for agriculture by adapting the infrastructure and making greywater treatment available.
2. Communication to clarify the effects of climate change and the community need for preparation. Importance must especially be given to youth education.
3. Collaboration between organisations and community members is needed to maximise effective preparation. Community actions that include experts and grassroots have more potential for success than individuals or individual organizations

Participants were given snacks and the opportunity to network after the seminar.



Sustainable Community Talks Water

Sustainable Community Curacao had their second networking and organising event in January 2020. The focus of this event was water.

Participants identified the main action points:

- Rain capture and infrastructure ('dam')
- Public education on water saving practices
- Management of 'posnan' or wells.
- Alternatives for desalination
- Water saving agriculture
- Collaboration between community, NGO's and government.
- Access to grey water filtration

Participants are currently working on simple household solutions for capturing rain that can be widely deployed across Curacao.

Easy ways to go plastic free! (part II)

*continued from part I, iammadein December 2019 issue

3. Switch to plastic free shampoo and soap bars

Imagine all the shampoo bottles you've thrown out in your lifetime already. That is a lot, and chances are, all of them are still intact at the landfill

Solid shampoo looks like a bar of soap, but is formulated specifically for hair. Each bar contains cleansing agents and other ingredients for your specific hair type.

The best part is that each bar lasts as long as *three* medium-size shampoo bottles, about 80 washes — and a bar is only the size of your palm. When you finish one, there's nothing left behind. No bottle graveyard in your shower and, more importantly, no plastic to send to the dump.

You can purchase shampoo, soap bars, and many other plastic-free products at Integra Natural, located at *Bargestraat 28D* in Scharloo.

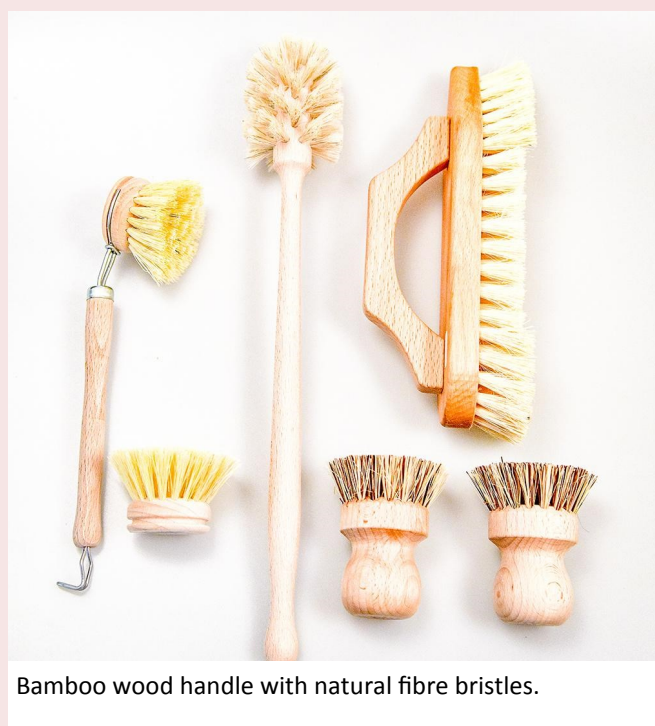
4. Zero waste kitchen and household cleaning scrubbers

If you need something with scrubbing power, go for copper instead of plastic. Use a cotton dishcloth or a coconut coir brush for dishes, instead of a plastic scrub brush. Use cotton facecloths

Scrubbing tools



Make sure they are copper and not plastic



Bamboo wood handle with natural fibre bristles.

Cotton dishcloth



Cotton dishcloths are cheap, have been around for years, and available in all grocery stores.

Reusable cotton facecloths



Stop throwing away your money buying disposable cotton face pads. Buy a couple of cotton facecloths to remove makeup and grime after a long day. To wash them simply throw in the washing machine and reuse them again.

5. Smile brighter with homemade toothpaste

Of course we don't need to tell you that your toothbrush is made of plastic. Get a bamboo alternative at any health food store around the island, and let's make some plastic free toothpaste!

Homemade Baking Soda Toothpaste

Total Time: 2 minutes

INGREDIENTS:

- 4 tablespoons liquid coconut oil
- 2–4 tablespoons baking soda or a combination of baking soda and sea salt
- 20 drops cinnamon or clove essential oil (optional)
- 20 drops peppermint essential oil (optional)

small glass jar

1 Directions:

1. Place coconut oil container in a bowl.
 2. Measure all ingredients into bowl and stir until completely blended.
- Store the finished product in a lidded glass jar.

Use:

Scoop about a ½ teaspoon of toothpaste onto your brush and give your teeth, and all the other surfaces in your mouth, a good brushing.

To be continued...

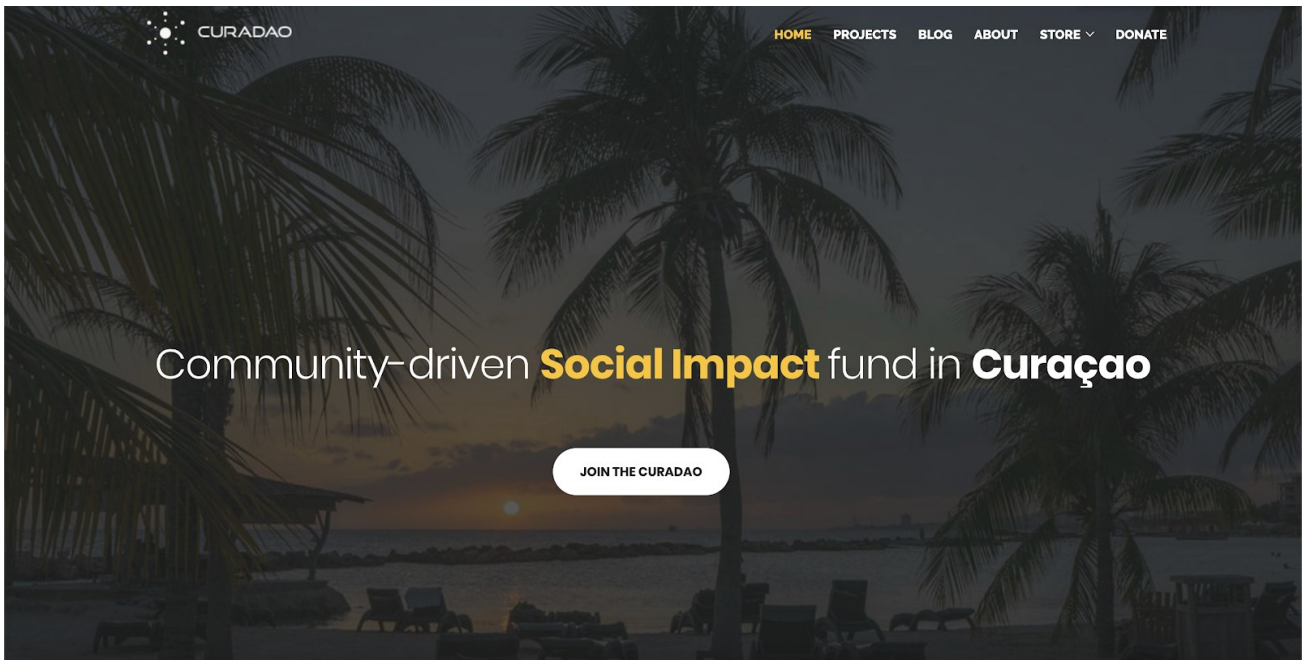
Enjoying some time on her island

Shurensca (Shury) Jamanika visited Curacao and made the best of each minute.

Besides celebrating, Curacao is a great island to relax, enjoy the culture, nature and good food.

She also enjoyed typical Curacao dishes such as papaya stoba (with a lot of ra-bu) or fish with tutu cannot be skipped.





Technological Innovation for Social Impacts

CuraDAO is the first Decentralized Autonomous Organization (DAO) in the Caribbean with its main focus on improving socio-economic state of the island Curacao. Furthermore, in short CuraDAO is an organization with a digital interface where the community can make, track and fund decisions together that could have an impact on the island. These decisions are currently oriented around the [Sustainable Development Goals of the U.N.](#) CuraDAO allows ANYBODY (after joining) to request resources for social impact project in Curaçao. CuraDAO believes that an increased transparency, collaboration, distribution of power and digital automated efficiency leads to a more prosperous island for all its citizens.

Union ta hasi forsa.

Website: <https://curadao.io/>

CuraDAO: <https://alchemy.daostack.io/dao/0x0b93ba560283350d4216f29dc57e15df38d0eace>

Facebook group: <https://www.facebook.com/groups/CuraDAO/>

To read more: <https://medium.com/caribbean-blockchain-network/the-first-ever-dao-in-cura%C3%A7ao-curadao-da7d34e03267>

A screenshot of the CuraDAO web interface. The page is titled "Contribution Reward" and has two tabs: "Proposals" and "Info". The "Proposals" tab is active. The main content area shows "No upcoming proposals" with a sub-message: "You can be the first one to create a Contribution Reward proposal today! (:". There are two buttons: "+ New proposal" in the top right and "+ New Proposal" in the bottom center. A "Support" button is in the bottom right. The left sidebar contains the CuraDAO logo, a description of the DAO, a menu with links to Home, Reputation Holders, History, DAO Wall, and DAO Holdings, and a section showing "10.75 ETH" and "1.32k GEN". At the bottom of the sidebar is the DAOstack logo. A warning message at the bottom of the page reads: "⚠️ Alchemy and Arc are in Alpha. There will be BUGS! We don't guarantee complete security. *Play at your own risk*"

CARNIVAL 2020 CURACAO

The beautiful island Curacao just celebrated 50 years of Carnival. The parades showcased the variety of cultures of the island. China, Dominican Republic, Suriname, The Netherlands and Aruba could easily be recognized.

Also single inhabitants of The Netherlands, Serbia and Turkey danced the night away as they joined of one the local groups.

The largest cultural party of Curacao was another a success. New ideas were incorporated into the festivities such as recycling, re-using, less plastic.

Congratulation Curacao: we enjoyed the colors, light, music, dance and shows.



CARNIVAL 2020 CURACAO





Kalender Seú 2020

04 MART	Rueda di Prensa
08 MART	Apertura i Inskripshon Kantadó Mayó
15 MART	Mara Lensu
21 MART	Elekshon Reina Seú
24, 25, 26 28 MART	Kantadó Mayó
08 APREL	Presentashon di Trahe
13 APREL	Marcha Grandi di Seú
19 APREL	Marcha di Seú Banda'bou
25 APREL	Klousura/Entrega di Premio

 **Fundashon Kultural Seu Korsou**

Seú is the harvest parade in Curacao. The biggest parade is on Easter Monday a holiday. We also have a parade at Banda Bou, Curacao's rural region. Participants of the Seú groups are dressed in traditional clothing showing local produce. The groups are mostly accompanied by traditional musicians with instruments as: benta (bow harp), gogorobi (rattlers) and flute.