This poster shows strategies and actions to achieve a sustainable kunuku landscape on Bonaire by 2050. The actions were collaboratively designed at a stakeholder workshop that took place on the 17.03.2022 at Fundashon Antriol Avanti. © Karl Scheifinger (karl.scheifinger@wur.nl)

Local energy production and water harvesting

Responsibility

Action

Increased water availability

Kunukeros and Kriabon
Construct a kunukero-owned wastewater plant

ROB and LVV
Develop and implement innovative water harvesting methods

WEB, OLB and Dutch government
Improve current and built better water dams

WEB and LVV
Improve the usage of grey water

OLB and Dutch government
Start a subsidy-scheme for cisterns to enhance water retention

OLB and Dutch government
Create an official department that is commissioned to govern the whole water cycle (incl. water harvesting & distribution)

Zero import of fossil fuels

OLB
Provide guidelines and support for constructing sustainable buildings

WEB, OLB and Dutch government
Instal solar panels

Selibon
Incinerate waste for electricity production

OLB
Authorise more windmills in spatial plan

WEB
Create technical and regulatory environment that allows individuals to supply current to public energy network

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Creation of cultural & touristic value

Responsibility

Action

Marketing of Bonairean culture

TCB
Organise cultural workshops for tourists

TCB
Offer cultural programmes and informative mini-videos about Bonaire's cultural heritage to arriving tourists

OLB
Allow bed & breakfast services of local families

TCB
Conduct research on previous, current and future tourists

SGB, art groups and TCB
Promote 'Made in Bonaire' label for Bonairean art and handcrafts

TCB
Create walking routes on the coastline

TCB
Market traditional natural landscapes, cultural sites and traditional clothing, especially during the Simadan festival

TCB
Develop a marketing plan for Bonairean culture that includes walking routes and the cultural centre Mangazina di Rei

TCB
Organise a yearly *stoba* contest

house owners and OLB
Open mansions for tourists

Public awareness about Bonaire's history and cultural heritage

house owners
Restore old buildings

OLB and Dutch government
Invest in authoring books about local history

schools and Mang. di Rei fdn.
Carry out a project focusing on oral Bonairean history using a combination of websites, leaflets, books and walking routes

OLB
Subsidise the restoration of old traditional buildings

cultural groups and Jong Bonaire
Hold classes in sewing, drawing and folklore

local historians
Lecture all beginning politicians about value of cultural heritage

preschools, SGB and OCW
Include local history and culture in syllabus as well as in after school programmes

land owners and OLB
Develop further hills in a similar fashion to Seru Largu

land owners and OLB
Develop further cultural sites in similar fashion to Lac Bay

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Agricultural activities for a self-sufficient Bonaire I

Responsibility

Action

Accessible agricultural education

OLB and OCW

Invest in agricultural education

OLB and OCW

Make the studies of culinary arts and agriculture more attractive to teachers

LVV and OLB

Conduct research in the nutritional value of locally-sourced foodstuff

LVV

Transform a part of the LVV into an educational centre

OLB

Promote careers in the agricultural sector

local chefs

Create a website that presents traditional and innovative recipes

Innovative agricultural systems

Mang. di Rei fdn., OLB and LVV

Research traditional agricultural practises and techniques

OLB

Recruit advisors specialised on regenerative agriculture

LVV, OLB and LNV

Send delegation to Brazil to exchange knowledge and establish pilot plots

LVV and the Dutch government

Start pilot project that showcases a viable aquaponic farm

LVV

Test and establish new farming methods such as hyrdo- and aquaponics and syntropic farming

Enhanced cooperation

OLB

Facilitate the cooperation between kunukeros (incl. branding, sales, equipment, etc.)

KvK

Support the signing of contracts between kunukeros and supermarkets

LVV and Kriabon

Carry out pooled bulk imports of materials and equipment

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Agricultural activities for a self-sufficient Bonaire II

Responsibility

Action

Dense vegetation cover

STINAPA and OLB
Record, map and improve ecosystem services on the island

Echo and LVV
Support local movements that contribute to ecological restoration

Tera Barra
Produce medium to high size trees

Echo and LVV
Invest in research regarding reforestation and tree planting methods

OLB
Start reforestation programmes for the youth

STINAPA and LVV
Initiate and lead long-term reforestation projects

Echo and locals
Reforest native plants

BonBèrdè
Compile a list of local trees

Innovative agricultural systems

OLB
Recruit advisors specialised on regenerative agriculture

Mang. di Rei fdn., OLB and LVV
Research traditional agricultural practises and techniques

LVV, OLB and LNV
Send delegation to Brazil to exchange knowledge and establish pilot plots

LVV and the Dutch government
Start pilot project that showcases a viable aquaponic farm

LVV
Test and establish new farming methods such as hyrdo- and aquaponics and syntropic farming