



Learning about climate change the Pacific way *A visual guide*



Source: Carlo Lacovino/SPREP, 2013



Kiribati



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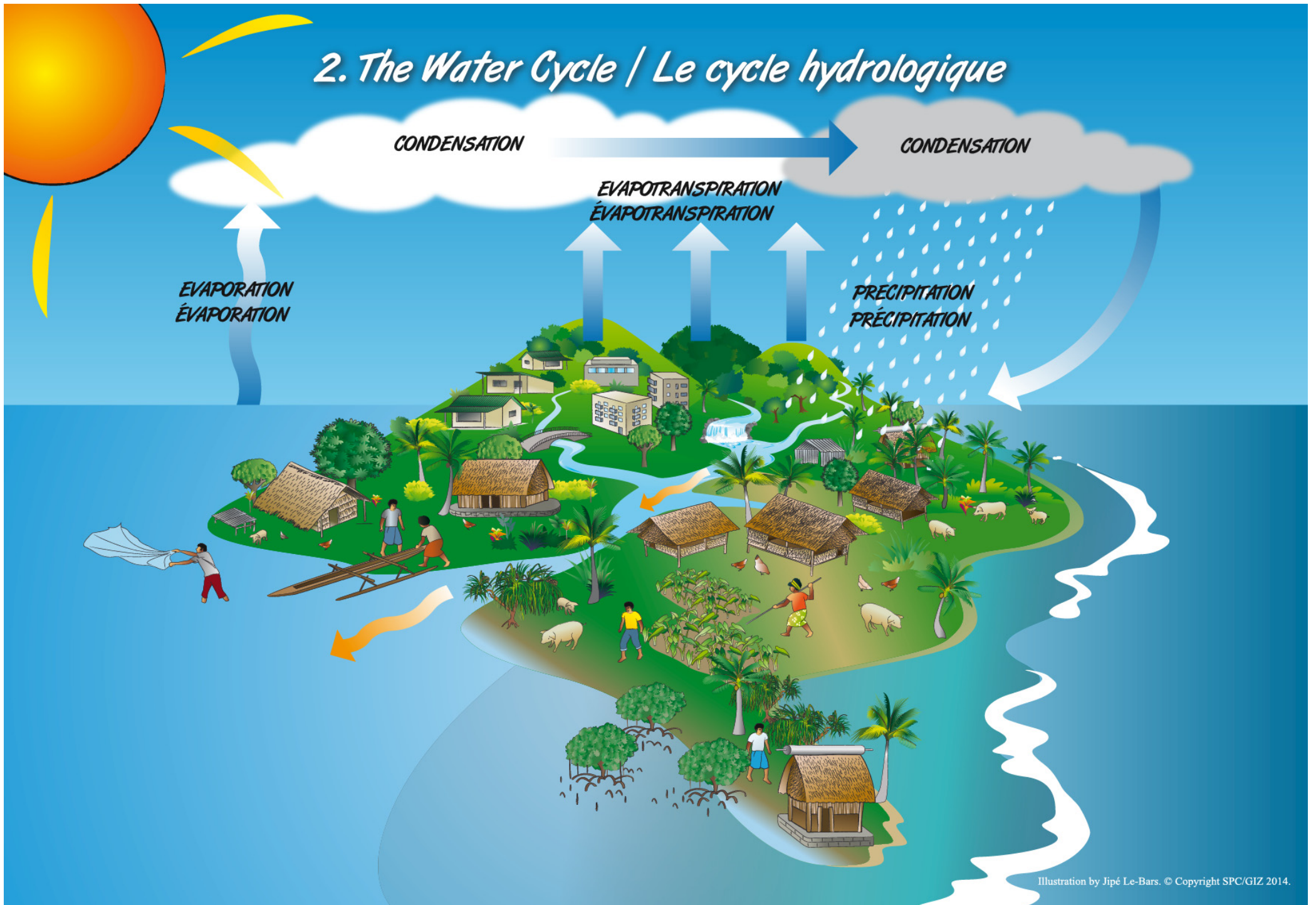
Art work by Jipé Le-Bars (SPC) & Duane Leewai

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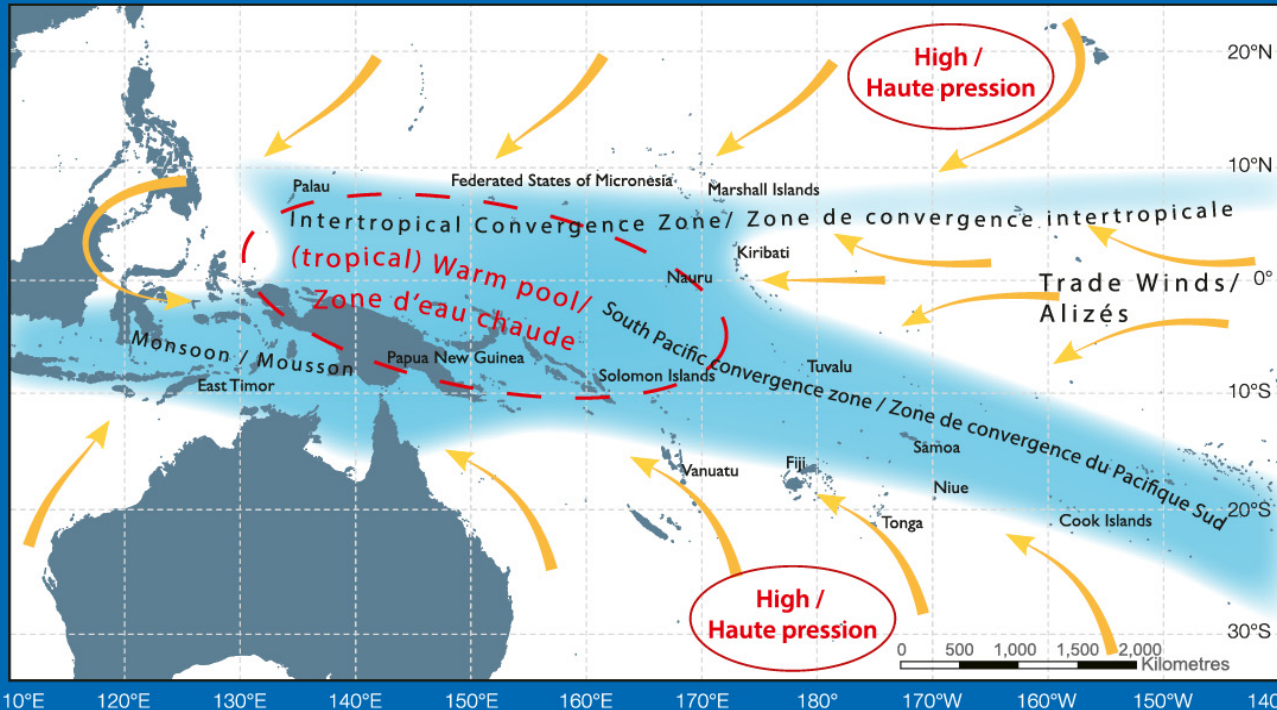
I. Pasifika



2. The Water Cycle / Le cycle hydrologique



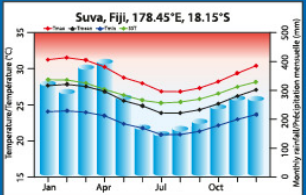
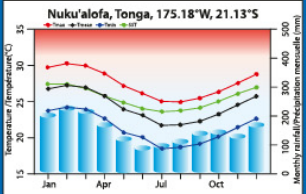
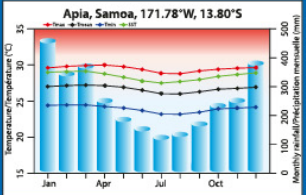
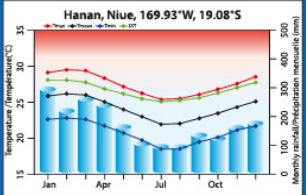
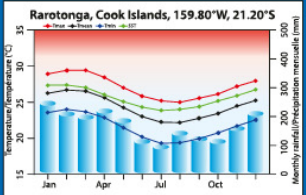
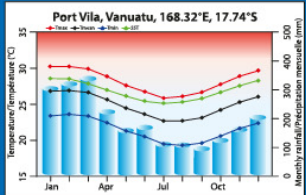
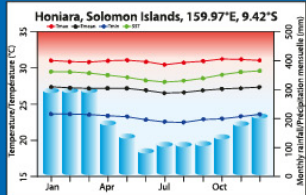
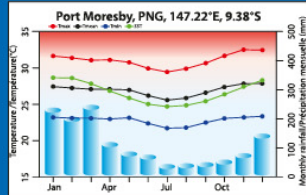
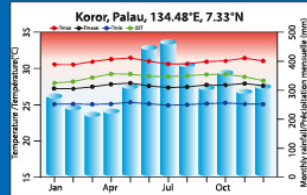
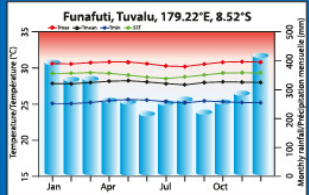
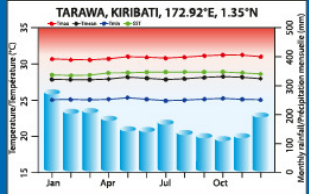
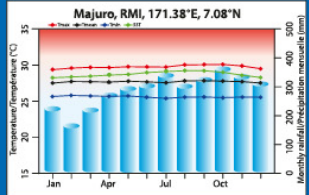
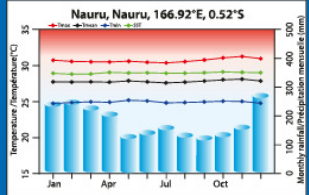
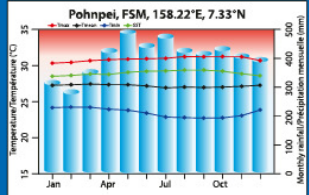
3. Climate in the Pacific - Le climat dans la région océanienne



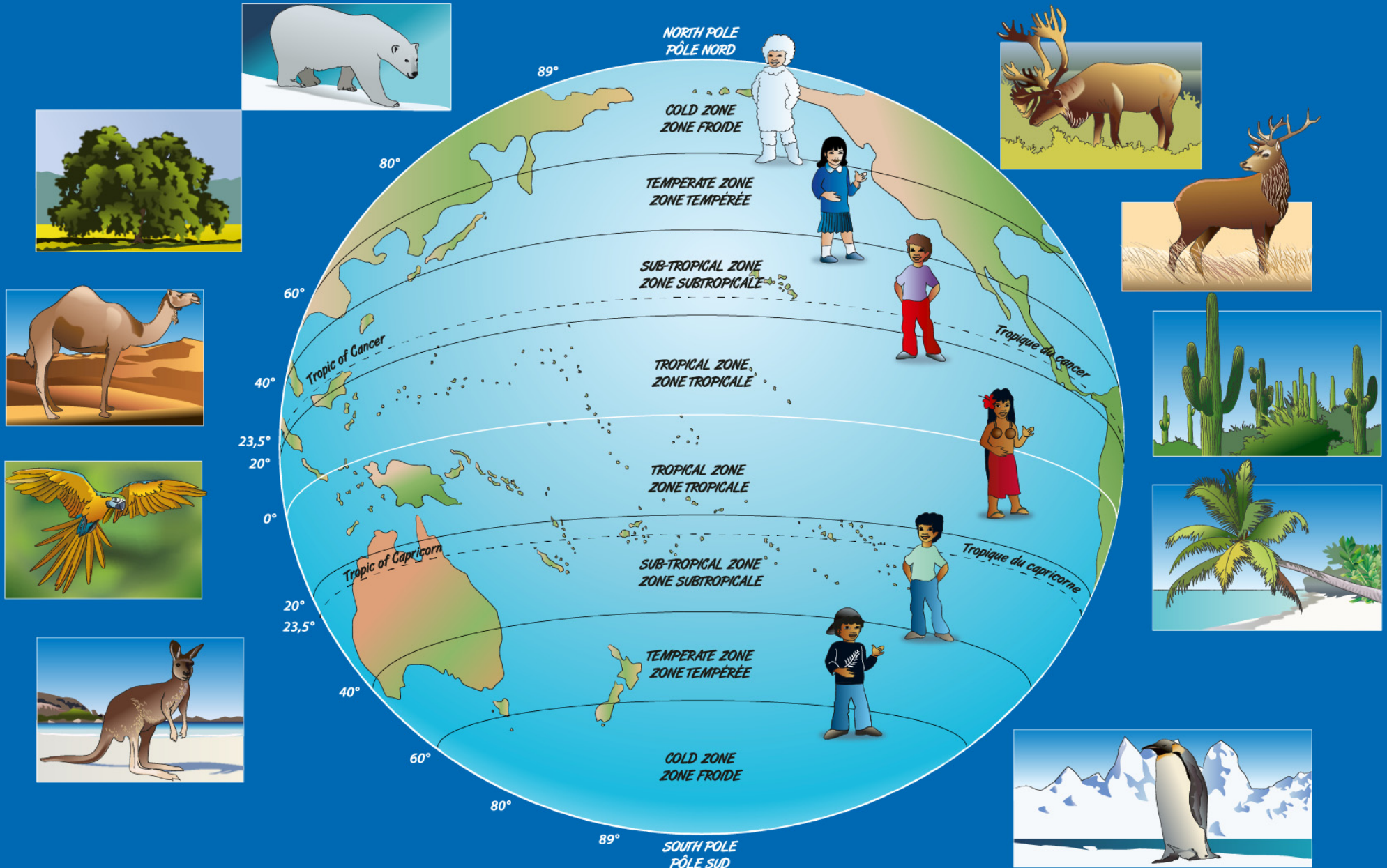
ABM-CSIRO 2011, Vol 1: 37, 42. BMA-CSIRO 2011, Vol 1: 37, 42

Monthly average maximum air temperature (red), mean air temperature (black), minimum air temperature (blue), sea-surface temperature (green) and average monthly rainfall (blue bars) at key locations in each of the Partner Countries. Station data over 1961–1990 were used.

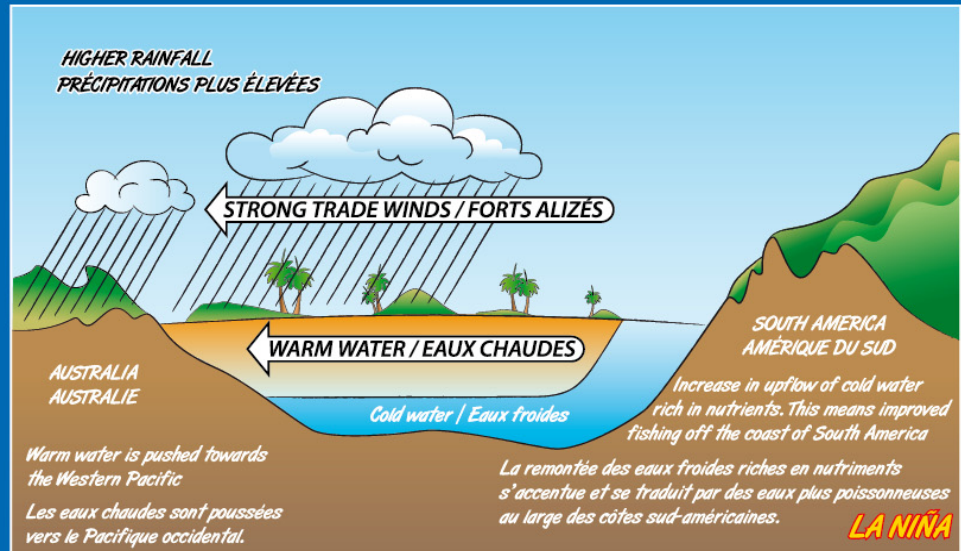
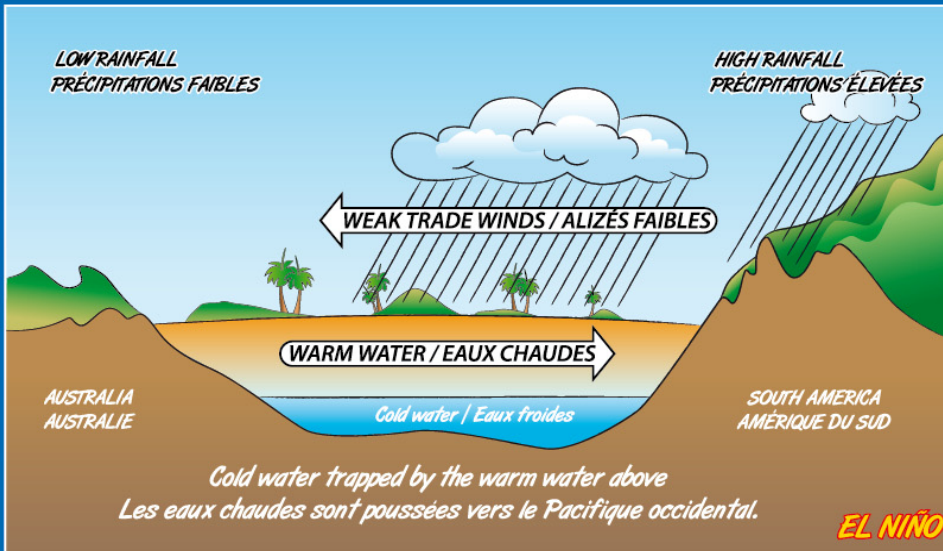
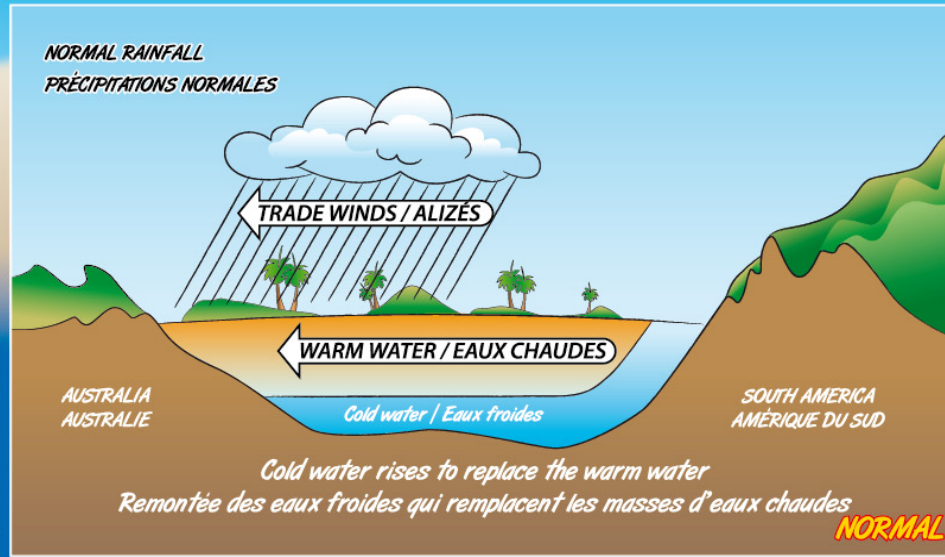
Température moyenne maximale mensuelle de l'air (en rouge), température moyenne de l'air (en noir), température minimale de l'air (en bleu), température de la mer en surface (en vert) et précipitations moyennes mensuelles (barres bleues) dans des zones clés situées dans chacun des pays partenaires. On a utilisé les données des stations de 1961 à 1990.



4. Global climate - Le climat mondial

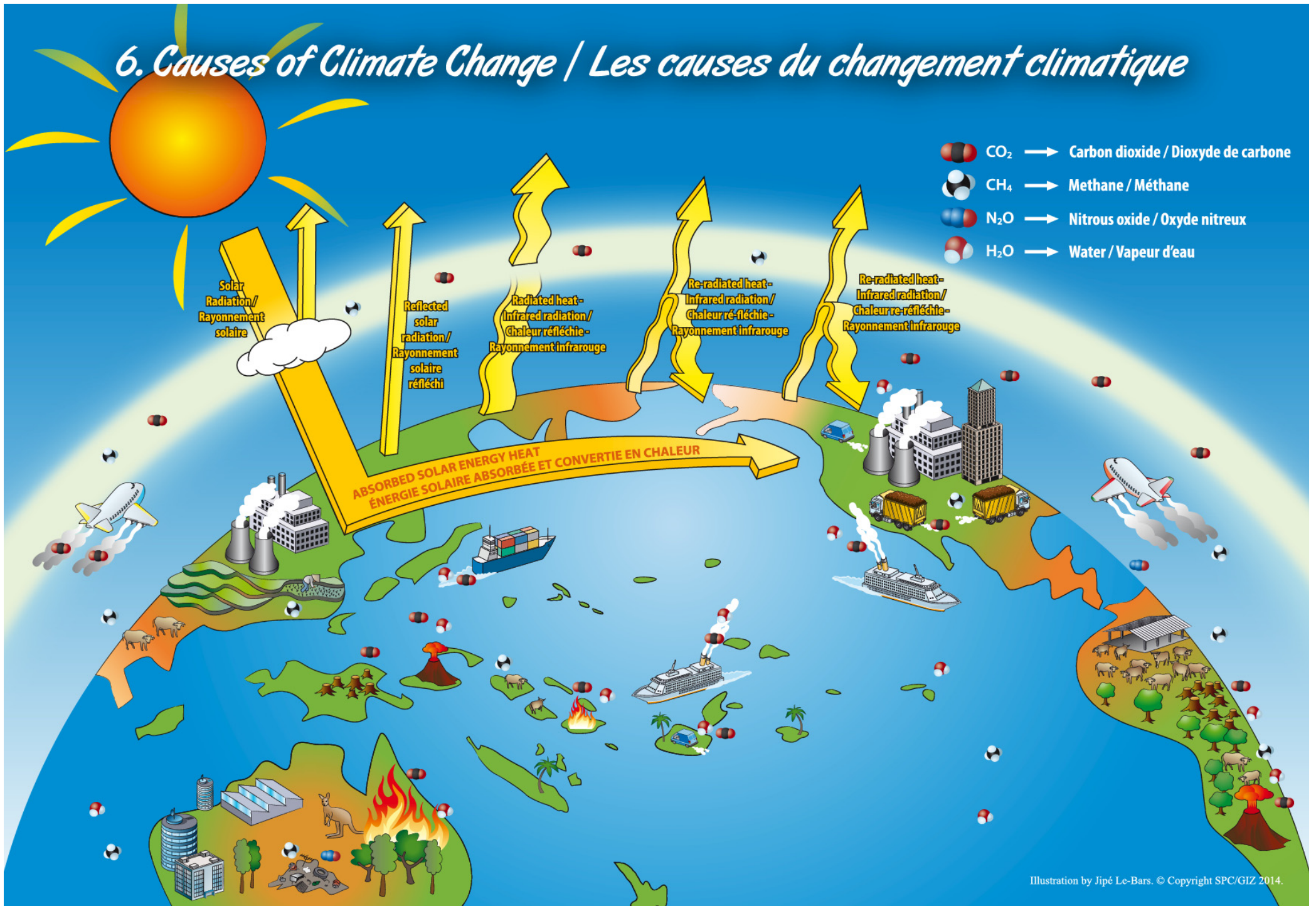


5. El Niño Southern Oscillation (ENSO) and climate variability / Le phénomène d'oscillation australe El Niño (OAEN) et la variabilité climatique

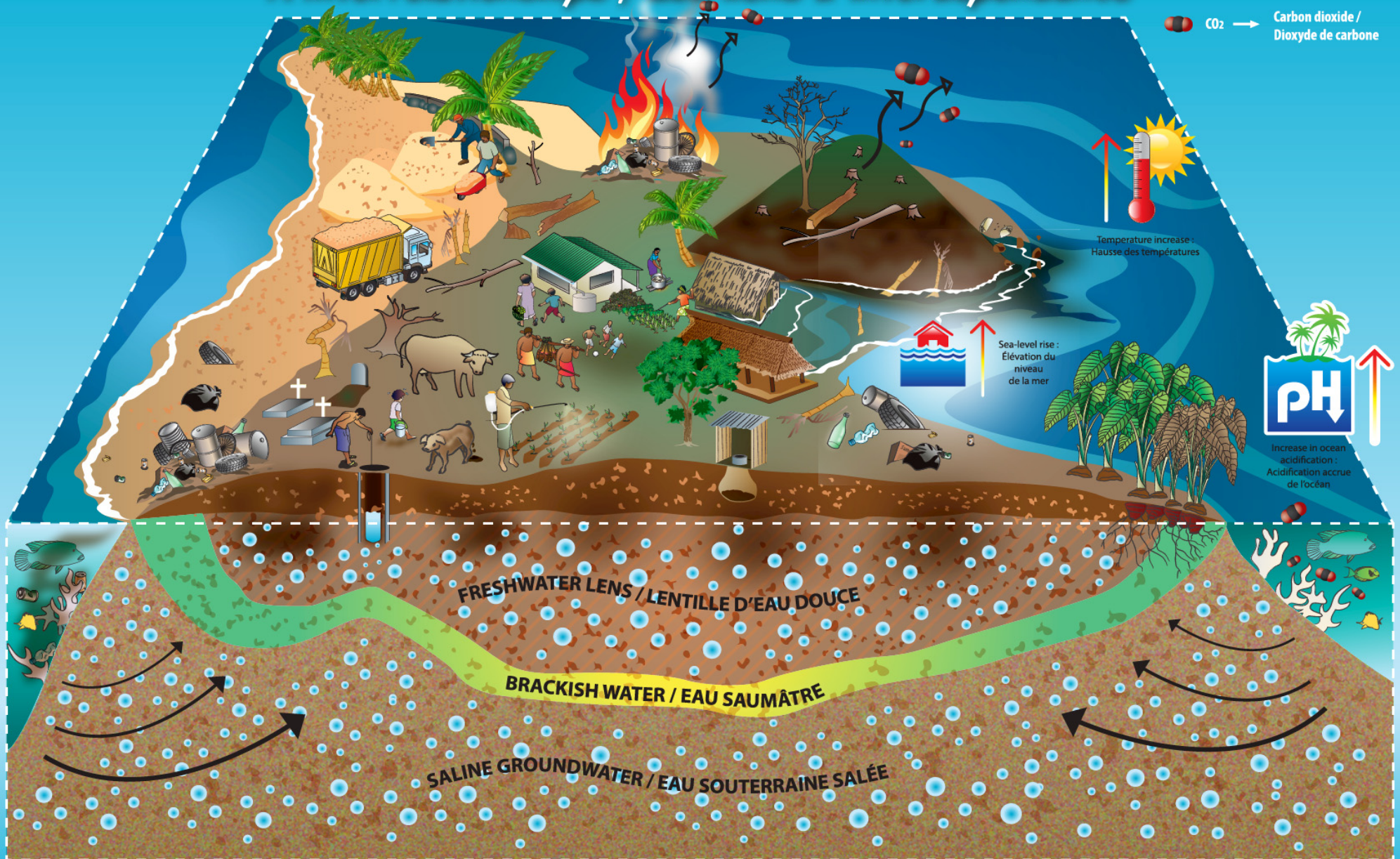


Crab, parrot and small El Niño & La Niña illustrations provided with courtesy of ABM-CSIRO-RCCC 2013. Le crabe, le perroquet et les petites illustrations d'El Niño et La Niña sont reproduites avec l'aimable autorisation d'ABM- CSIRO-RCCC 2013

6. Causes of Climate Change / Les causes du changement climatique



7. Interrelationships / Les liens d'interdépendance



8. The changing climate of Kiribati



Former village land turning into tidal flat, Carlo Iacovino, SPREP 2013



Unprotected rainwater tank, Carlo Iacovino, SPREP 2013



Coastal erosion, Carlo Iacovino, SPREP 2013



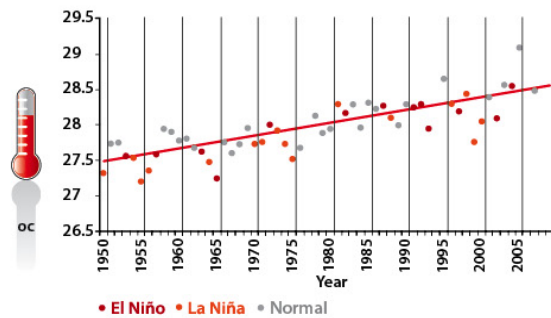
Open water well, Carlo Iacovino, SPREP 2013



Coral bleaching, 2000

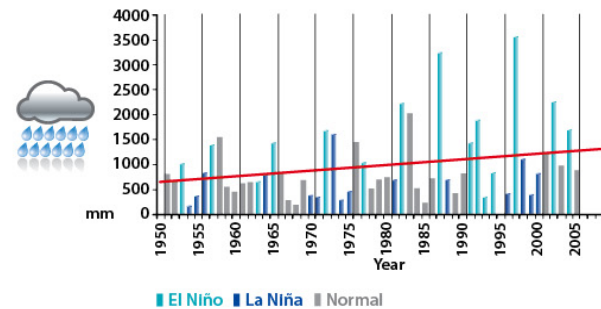
Changing Climate:

Average annual temperature for Tarawa



Source: ABM & CSIRO 2011

Average annual rainfall for Kiritimati



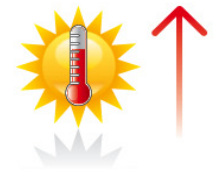
Future Climate:



Changing rainfall



More extreme rainfall days



Temperature increase and more very hot days



Sea-level rise



Increase in ocean acidification

Illustration by Jipé Le-Bars. © Copyright SPC/GIZ 2014.

9. Pasifika after a cyclone or severe storm /
Pasifika après le passage d'un cyclone ou une forte tempête



10. Pasifika during a drought - Pasifika après un épisode de sécheresse



11. Mitigation and adaptation activities - Mesures d'atténuation et d'adaptation

Mitigation - Atténuation

Mitigation + Adaptation - Atténuation + Adaptation

Adaptation - Adaptation



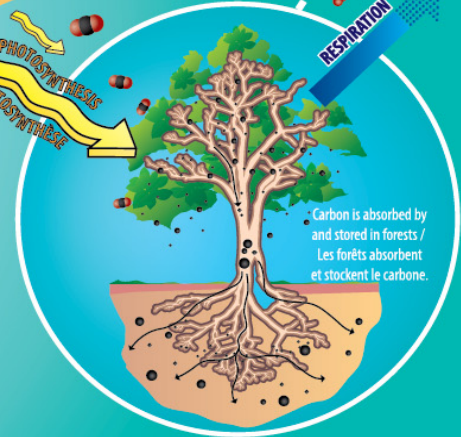
12. Gardening and livestock / Le jardinage et l'élevage



13. Forestry and agro-forestry / La foresterie et l'agroforesterie

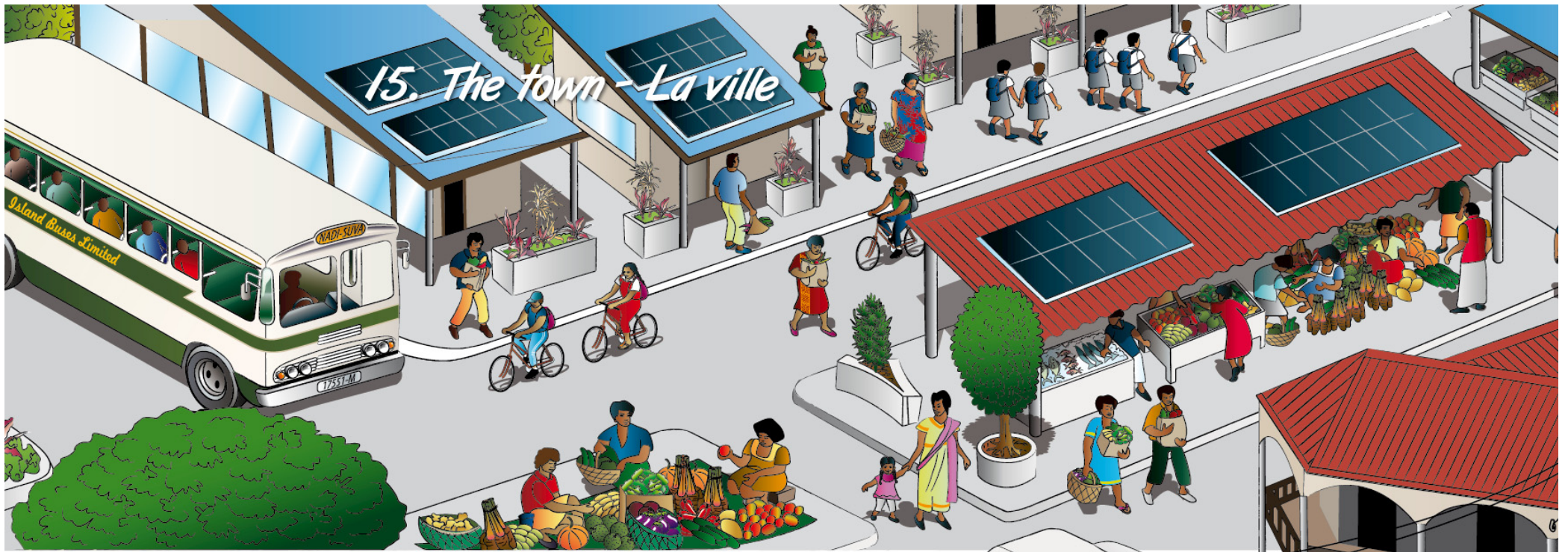


- CO₂ → Carbon dioxide / Dioxyde de carbone
- O₂ → Oxygen / Oxygène
- C → Carbon / Carbone



14. Fishing - La pêche





16. Pasifika with adaptations in place / Pasifika après la mise en œuvre des mesures d'adaptation

