In spite of growing evidences and repeated warnings from a wide range of stakeholders (scientists, representatives of the public and private sectors, civil society, etc.), one can only admit that not enough has been and is being done to face the climate issue. The crisis we face are getting stronger day after day. Humankind is confronted to an urgency to act, with challenges of increasing complexity that reinforce each other and are exacerbated by the consequences of climate change.

These challenges can appear too overwhelming to be tackled… Still, 2015 was a pivotal year for the future of humanity, with the adoption of the Sustainable Development Goals and the establishment of a new international climate agreement during the 21st Conference of the Parties (COP) in Paris in December 2015. To enter into force, the Paris Agreement had to be ratified (or similar process) by 55 Parties, representing at least 55% of global greenhouse gas (GHG) emissions. These conditions were met early October, opening the door for an entry into force on November 4th, a few days before the start of COP22 in Marrakesh.

COP22 is expected to be the « Conference of action ». Indeed, the engagements submitted in the Intentional Nationally Determined Contributions (INDC) need now to be transformed into reality (in NDC, or Nationally Determined Contributions). COP22 is thus critical and is an essential step for implementation of the Paris agreement. The year 2015 was marked by successes which must push the international community to enhance its ambition in the fight against climate change.

Of course, these negotiations should not mask each of us’ realities and constraints and more than ever, we must use the existing range of solutions to mutualize, share, lever and build together a new future, different and based on solidarity. Everyone can and must innovate each day at its own level to promote positive and sustainable values. This is the time for action and the challenges of sustainable development, justice and solidarity must be a priority for all. In this collective foundation, and considering the big challenges to deal with, States must take the leadership and the success of Marrakech must invite to action and common responsibilities.

This major international event, held from the 7th to the 18th of November, is also an opportunity for all actors involved, and not only governments, to change their commitments into concrete action. COP22 is a unique opportunity to share knowledge, to demonstrate possibilities and to build partnerships. ENERGIES 2050’s activities reflect this desire to build a shared and plural future, vector of universal and solidarity based values.

ENERGIES 2050 was founded with this vision and works daily in France and throughout the world to build a sustainable future.

The time for Advocacy is over … we must, more than ever, turn challenges into opportunities and testify possibilities. These are the major changes that the world needs … understand, share and implement will be the guidelines for these two weeks of negotiations.

Stéphane POUFFARY, Founder and Honorary president ENERGIES 2050
The team of ENERGIES 2050
November 2016
ENERGIES 2050 ACTIVITIES AT COP22

ENERGIES 2050 participates actively in the fight against climate change and will be very involved in during the 22nd Conference of Parties (COP22) of the United Nations Framework Convention on Climate Change (UNFCCC) that will take place in Marrakech from the 7th to the 18th of November 2016, with over 30 events and two booths in the blue zone (accredited) and green zone, with a dedicated space of 35m².

We will also display an international exhibit, ART’s PLANET by ENERGIES 2050, in the Blue zone on the pavilion of La Francophonie, in the Green zone on the Youth space of the Swiss cooperation and on our booths and those of our partners.

These various events are not to be missed opportunities to enhance our partners’ solutions, federate, scale up the means of action and reinforce the implementation of mitigation and adaptation projects. These also constitute opportunities to initiate and reinforce partnerships for concrete projects.

COP22 expected to be the “Conference of the Action” needs to transform challenges into successes.

ENERGIES 2050 is more than ever engaged to make its contribution and to participative to this positive dynamic.
Notre climat aujourd’hui
Notre climat dans 20 ans
et nous ?

Mon climat aujourd’hui
Mon climat dans 20 ans
et moi ?

Pavillon la Francophonie
Pavillon ENERGIES 2050
ENERGIES 2050 ACTIVITIES AT COP22
ART’s PLANET by ENERGIES 2050, Exposition on the Youth space of the Swiss Cooperation
## ENERGIES 2050 ACTIVITIES AT COP22

### ENERGIES 2050’s ACTIVITES & INTERVENTIONS

### AT THE 22ND CONFÉRENCE OF PARTIES ON CLIMATE CHANGE

#### SATURDAY

**05th OF NOVEMBER**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9am to 3pm</td>
<td>Presentation in the preparatory workshop of negotiators and members of the civil society. Organized by OIF/IFDD</td>
</tr>
<tr>
<td>2pm to 3.30pm</td>
<td>Conference of Youth accredited by UN (COY12). Conference : Climate change negotiations for citizens</td>
</tr>
</tbody>
</table>

#### MONDAY

**07th OF NOVEMBER**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2pm to 3.30pm</td>
<td>Side event State of the Mediterranean basin facing climate change challenges</td>
</tr>
<tr>
<td>4pm to 4.45pm</td>
<td>Intervention in Side event Agriculture and food: challenges and solution for quality alimentation, resilient to climate Organised par Green Cross France et Territoires</td>
</tr>
</tbody>
</table>

#### TUESDAY

**08th OF NOVEMBER**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12pm to 12.15pm</td>
<td>Publication presentation Presentation of the Guide to negotiations for negotiators &amp; Executive summary for policy makers, realized by ENERGIES 2050 on behalf of IFDD/OIF</td>
</tr>
<tr>
<td>12.30pm to 2pm</td>
<td>Side event Raising the Youths’ awareness to the challenges of climate change, so that they can become actors and ambassadors of the necessary transition &amp; Launched of the 2nd edition of the Guide to negotiations for citizens</td>
</tr>
<tr>
<td>2pm to 3.30pm</td>
<td>Side event The energy transition: an absolute priority of the climate and sustainable development Agendas. But who is it for? Why is it necessary? How we can implement it? And where?</td>
</tr>
<tr>
<td>3pm to 5pm</td>
<td>Side event The Initiative of la Francophonie for sustainable cities. Organised by OIF/IFDD</td>
</tr>
</tbody>
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*Organised by OIF/IFDD*
ENERGIES 2050 ACTIVITIES AT COP22

WEDNESDAY
09th
OF NOVEMBER

4pm to 4.45pm
Club de France Pavilion
Green zone

Side event
Innovating cities & territories in transition – Initiative of la Francophonie for sustainable cities

11am to 1pm
OIF/IFDD Space
Blue zone

Official Side event
Rethink carbon as a tool for development and solidarity: innovation, ethic and mechanisms to support the African energy transition and improve the continent’s resilience
Organised by OIF/IFDD

11.45am to 12.45pm
Comité 21 Space
Green zone

Side event
The Youth at the heart of the fight against climate change

2pm to 2.45pm
Club de France Pavilion
Green zone

Side event
Buildings and the built environment – Challenges and opportunities in Africa – the built environment at the heart of INDC/NDC

3pm to 7pm
Hotel Es Saadi
Marrakech

Meeting
Internal meeting of the Global Alliance for Building and Construction

5pm to 6.30
Youth space of the Swiss cooperation
Green zone

Side event
Carbon for the youth and the citizen: ethiCarbon Afrique®: innovation, ethic and carbon mechanisms to support Africa’s energy transition and improve the continent’s resilience

7pm to 10pm
Adam Park
Marrakech

Meeting
Exchanges between Francophone delegates on climate change negotiations
**ENERGIES 2050 ACTIVITIES AT COP22**

**THURSDAY 10th OF NOVEMBER**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Entire day</strong></td>
<td><strong>Buildings Action Day</strong></td>
</tr>
<tr>
<td>11am to 1pm</td>
<td>Mediterranean room</td>
</tr>
<tr>
<td>1pm to 2pm</td>
<td>Baltic room</td>
</tr>
<tr>
<td>2pm to 3.30pm</td>
<td>Green zone, Territories Space</td>
</tr>
<tr>
<td>4pm to 4.45pm</td>
<td>Comité 21 Space, Green zone</td>
</tr>
<tr>
<td>4pm to 5.30pm</td>
<td>Youth space, MEDCOP event, Green zone</td>
</tr>
<tr>
<td>5pm to 7pm</td>
<td>Space OIF/IFDD, Blue zone</td>
</tr>
<tr>
<td>5pm to 6.30pm</td>
<td>Official side event, Green zone</td>
</tr>
<tr>
<td>6pm to 8pm</td>
<td>Hotel Lotus, Marrakech</td>
</tr>
</tbody>
</table>
### FRIDAY 11th OF NOVEMBER

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.45am to 12.30pm</td>
<td>Villa Janna, Marrakech</td>
<td>Breakfast Conference: Global Alliance for Buildings and Construction</td>
</tr>
<tr>
<td>12pm to 12.15pm</td>
<td>Club de France Pavilion, Green zone</td>
<td>Presentation: Presentation of the African initiative ethiCarbon Afrique® cofounded by ENERGIES 2050 and SABER-ABREC</td>
</tr>
<tr>
<td>1pm to 2.30pm</td>
<td>Youth space of the Swiss cooperation, Green zone</td>
<td>Water in all its states, manage scarcity and share solutions: the youth at the heart of the action and Launch of the 2nd edition of the report “Challenges and opportunities of the Mediterranean basin facing climate change”</td>
</tr>
<tr>
<td>2pm to 3.30pm</td>
<td>Youth space, MEDCOP event, Green zone</td>
<td>Side event: Building and energy efficiency in the Mediterranean: a treasure of opportunity for territories in transition</td>
</tr>
<tr>
<td>5pm to 6.30pm</td>
<td>Room South, Green zone</td>
<td>Intervention in side event: Investment in Clean Energy as a driver for Climate Action in Mediterranean countries Organised by IPEMED and EDAMA</td>
</tr>
<tr>
<td>6.15pm à 7.45pm</td>
<td>New Nordic Climate Solutions Pavilion, Section DEL2 - Blue zone</td>
<td>Speaker in official side event: Sustainable Buildings and Construction in North Africa to mitigate climate change and to provide business opportunities Official side event of the 10YFP Sustainable buildings and construction programme</td>
</tr>
</tbody>
</table>

### SATURDAY 12th OF NOVEMBER

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1pm to 2.30pm</td>
<td>Bouregreg room, Green zone</td>
<td>Side event: The Francophonie’s Initiative for Sustainable cities (IFVD - Initiative de la Francophonie pour des Villes Durables) - A systemic and participative approach to scale up sustainable cities agenda with a focus on African and Least Developed Countries realities</td>
</tr>
<tr>
<td>1pm to 2.30pm</td>
<td>Oum Errabia, Green zone</td>
<td>Side event: Climate Change, Paris Agreement and the Mediterranean Basin: Challenges and future perspectives Organised by Plan Bleu</td>
</tr>
<tr>
<td>2pm to 3.30pm</td>
<td>Territories space, MEDCOP event, Green zone</td>
<td>Side event: Sustainable tourism in the Mediterranean … an essential contribution at the heart of the territories’ low carbon strategies</td>
</tr>
<tr>
<td>Time</td>
<td>Event</td>
<td>Location</td>
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</tr>
<tr>
<td>2pm to 2.45pm</td>
<td>Side event Carbon for a new development paradigm in Africa – The initiative ethiCarbon Afrique®</td>
<td>Club de France Pavilion</td>
</tr>
<tr>
<td>2pm to 4.30pm</td>
<td>Presentation at the Francophonie Parliamentary assembly</td>
<td>Hotel la Palmeraie</td>
</tr>
<tr>
<td>9am to 10am</td>
<td>Speaker in side event Reinforcing Finance mechanisms</td>
<td>Youth space of the Swiss cooperation</td>
</tr>
<tr>
<td>11am to 12.30pm</td>
<td>Speaker in official side event Armed conflicts in the Arabic and African areas and their influence on the climate</td>
<td>Bouregreg room</td>
</tr>
<tr>
<td>2pm to 3.30pm</td>
<td>Side event The energy transition in the Mediterranean, a treasure of opportunities to implement NDCs</td>
<td>Youth space, MEDCOP event</td>
</tr>
<tr>
<td>2.30pm to 3.30pm</td>
<td>Speaker in side event Reinforcing Finance mechanisms</td>
<td>Youth space of the Swiss cooperation</td>
</tr>
<tr>
<td>6pm to 6.15pm</td>
<td>Exhibit Presentation of the exhibition Art’splanet My climate today, my climate in 20 years, and me? Our climate today, our climate in 20 years, and us?</td>
<td>Club de France Pavilion</td>
</tr>
<tr>
<td>6.30pm à 8.00pm</td>
<td>Speaker in official side event Translating NDC targets on renewable energy into implementation plans and strategies</td>
<td>Austral room</td>
</tr>
<tr>
<td>2pm to 3.30pm</td>
<td>Speaker in side event Sustainable cities and climate change</td>
<td>Youth space, Green zone</td>
</tr>
<tr>
<td>2.30pm to 2.45pm</td>
<td>Presentation Guide to climate change negotiations for citizens &amp; Guide of SDGs for citizens - Collection les guides pour Agir (the guides to act) – ENERGIES 2050</td>
<td>Club de France Pavilion</td>
</tr>
</tbody>
</table>
ENERGIES 2050 ACTIVITIES AT COP22

WEDNESDAY 16th OF NOVEMBER

11am to 12.30pm
Room Moulouya
Green zone

Side event
Rethinking Carbon as a tool of development and solidarity: Innovative, ethic and carbon mechanisms to support African and Least Developed countries energy transition and increase their resiliency

12pm to 12.15pm
Club de France Pavilion
Green zone

Presentation
Guide to energy transition – share knowledge to act
Realised by ENERGIES 2050 on behalf of IFDD/OIF and published in the collection Points de Repère – IFDD/OIF

12pm to 1.30pm
Youth space of the Swiss cooperation
Green zone

Side event
The sustainable development goals and climate change: new challenges and opportunities for the youth. Mobilise in the long term, in the Mediterranean and elsewhere

3pm to 4.30pm
Room Sebou
Green zone

Side event
Gender issues and climate change in the Mediterranean

4pm to 5.30pm
Youth space, MEDCOP event
Green zone

THURSDAY 17th OF NOVEMBER

2.30pm to 2.45pm
Club de France Pavilion
Green zone

Presentation
Presentation of the reports:
Guide of sustainable buildings in tropical climates
*Tome 1 – Design of buildings in tropical regions
*Tome 2 – Energy efficiency of existing buildings in tropical regions
Realised by ENERGIES 2050 on behalf of IFDD/OIF and published in the collection Points de Repère – IFDD/OIF

3.30pm to 5pm
Youth space of the Swiss cooperation
Green zone

Side event
New means and forms of mobilisation for the Youth. Making the struggle against climate change an universal and solidarity-based fight & Presentation of the book: The energy transition : Share knowledge to act and Presentation of the report: The energy transition : Share knowledge to act – Collection repère – Realised by ENERGIES 2050 on behalf of the IFDD
ENERGIES 2050 ACTIVITIES AT COP22

FRIDAY

18th
OF NOVEMBER

10am to 10.45am
Club de France Pavilion
Green zone

Side event
The Mediterranean in transition – and tomorrow… the implementation challenge

11.30am to 11.45am
Club de France Pavilion
Green zone

Presentation
A collective and citizen based approach:
ENERGIES 2050
Organised by Convergence

12.00pm to 12.45am
Club de France Pavilion
Green zone

Side event
The ideas 3Zero for sustainable territories
Organised by Convergence

1.15pm to 2.45pm
Pacific room
Blue zone

Official side event
Innovate and mobilize to improve the resilience of populations in LDCs - Experience from Niger and testimonies from African countries
ENERGIES 2050 ACTIVITIES AT COP22

DETAILED SCHEDULE OF ENERGIES 2050’S ACTIVITIES AT THE 22ND CONFERENCE OF PARTIES ON CLIMATE CHANGE

SATURDAY
05
NOVEMBER

9am to 3pm
Hôtel Mansour
Marrakech

Presentation
Presentation in the preparatory workshop of negotiators and members of the civil society.
Organized by OIF/IFDD

2pm to 3.30pm
Cadi Ayyad University
Marrakech

Conference
Conference of Youth (COY12) accredited by the UN - Climate change negotiations for citizens.

One of ENERGIES 2050’s main objectives is to put citizens, especially the youth, at the heart of climate change and sustainable development issues. While the literature on climate negotiations is abundant, very few publications focus on decoding the complex processes of climate negotiations with a desire to make them accessible for citizens.

To address this issue, ENERGIES 2050 has written and published a pedagogical guide about the UNFCCC negotiation process, its history, the main issues and the progress it has unlocked, putting it in the context of scientific knowledge regarding climate change. This Guide to Climate Negotiations for Citizens was first produced for COP21 and an updated version will be presented in Marrakech.
MONDAY
07th
OF NOVEMBER

2pm to 3.30pm
Side event
State of the Mediterranean basin facing climate change challenges

The Intergovernmental Panel on Climate Change (IPCC) identifies the Mediterranean basin as one of the 25 main hot spots to the impacts of climate change, with temperatures expected to increase by 2°C by 2050, depending on seasons and scenarios, and to 2°C to 6°C by 2100. The basin will also be particularly vulnerable to rising sea levels and changes in precipitation patterns, with significant consequences for water systems.

But the Mediterranean also represents a zone of North-South division, with countries being unequal in terms of vulnerabilities and capacities. The IPCC thus reports highly differentiated impacts for the North, South and East shores of the Mediterranean basin. In order to face climate change, stakeholders from all sides will have to bring on a concerted solution.

4pm to 4.45pm
Intervention in Side event
Agriculture and food: challenges and solution for quality alimentation, resilient to climate
Organized by Green Cross France et Territoires

As recognized in the Paris Agreement preamble, food security is essential for Climate and for Peace preservation. It is also a tremendous asset for a healthier environment, for fighting desertification and for preventing migrations. By showing examples from the North and the South, this round table will present the first feedbacks from the Green Cross Working Group on alimentation and will share experiences and solutions that can be systemized.
ENERGIES 2050 ACTIVITIES AT COP22

TUESDAY
08th
OF NOVEMBER

12pm to 12.15pm
Club de France Pavilion
Green zone

Presentation
Presentation of the Guide to negotiations for negotiators & Executive summary for policy makers, realized by ENERGIES 2050 on behalf of IFDD/OIF

12.30pm to 2pm
Youth space of the Swiss cooperation
Green Zone

Side event
Raising the Youths' awareness to the challenges of climate change, so that they can become actors and ambassadors of the necessary transition

The issue of climate change must go beyond the circle of specialists and simple emotional statements; Youth’s initiatives already support this dynamic. It is in this context that ENERGIES 2050 published a pedagogical guide, addressed to the citizens and adapted to the younger public.

The NGO ENERGIES 2050 and international citizen’s networks will host the exchanges. Testimonies of initiatives carried out by Youth in Africa and Europe will illustrate the debates. The partners involved will come from several international institutions, youth networks and associations.

3pm to 5pm
OIF Pavilion
Blue zone

Intervention in Side event
The Initiative of la Francophonie for sustainable cities
Organized by OIF/IFDD
La Francophonie’s Initiative for Sustainable Cities (IFVD) supports the implementation of sustainable urban strategies by providing concrete answers adapted to the realities of each city, regardless of its size, while promoting a holistic approach that takes into account the urban complexity and the interrelations existing between the various sectors. This event will introduce the IFVD – an example from Grand Bassam – and the Training for African professionals of the built environment at the EAMAU (African School of Architecture and Urbanism) in Togo.
ENERGIES 2050 ACTIVITIES AT COP22

WEDNESDAY

09th

OF NOVEMBER

11am to 1pm
OIF/IFDD Space
Blue Zone

Side event
Rethink carbon as a tool for development and solidarity: innovation, ethic and mechanisms to support the African energy transition and improve the continent’s resilience
Organized by OIF/IFDD

Measuring carbon is at the heart of the Paris’ agreement. The measure of emission reductions remains central because it relates to the ability to convert climate performance into economic performance and to support mechanism for low carbon development in developing countries. This being said, carbon “measure” does not take into account the challenges of adaptation whereas they remain at the heart of developing countries’ national priorities and realities.

This event will present the issues, dynamics in progress and the necessary innovation to implement. It will also be an opportunity to present the ethiCarbon Afrique® initiative, which is an innovative tool for “carbon solidarity” at the service of Africa. Aware of the need to go beyond the existing carbon mechanisms, the goal of this initiative is to enable everyone, regardless of his country of residence and sector of activity, to calculate his GHG emissions and to offset them on the basis of an “ethical and solidarity-based” carbon price.

11.45am to 12.30pm
Comité 21 Space
Green zone

Side event
The Youth at the heart of the fight against climate change

Making the younger generation aware of climate change issues so that everyone becomes an informed ambassador of the transition ... The aim is to inform about the process, challenges and issues linked to negotiations on climate change, and create a link between those high level negotiations and each of us daily life and habits.

There are many challenges but the opportunities to act are also numerous. The goal is for everyone to get involved, facing the challenges but also benefiting from the opportunities to act. Concrete solutions need to be implemented in order to move towards to a low carbon world, united and fair and more respectful of natural resources.
Africa is experiencing a long lasting and rapid urbanization process, fed by high demographic growth. Its population is expected to reach 2.4 billion people by 2050, 1.34 billion of which will be urban (55%) - compared to 455 million today. It is essential to anticipate infrastructure and resources needs and to limit the environmental and social damages linked to the housing sector. The urgency to act was especially reflected in the INDC/NDC files submitted by African countries. This conference will present buildings issues in Africa, with concrete examples highlighting the opportunities for action, testimonies of participants and feedbacks from best practices.

Aware of the need to go beyond existing carbon mechanisms, the ethiCarbon Afrique® initiative is an innovative tool of "carbon solidarity" at the service of Africa. Launched on the 6th of December 2015 in Paris during COP21, ethiCarbon Afrique® aims to enable everyone, regardless of their country of residence and sector of activity, to calculate their greenhouse gas emissions and to offset them on the basis of an "ethical and solidarity price" for carbon.

EthiCarbon Afrique® gives priority to "mixed" development projects with co-benefits in terms of adaptation and mitigation. ethiCarbon Afrique® aims to contribute to the African energy revolution by financing concrete low carbon projects on the continent with a high environmental, social and ethical value. Testimonies of initiatives carried out by Youth in Africa and Europe will illustrate the debates.
ethiCarbon Afrique®, why?

Africa has an amazing amount of natural and human resources, including in the energy field. However, the continent faces a significant energy poverty characterized by inequality in the access to energy, regular power outages, and supply cuts, and an energy price which is far too high (sometimes the highest in the world) compared to the standards of living of the population.

These realities drew the attention of two keen men, with an active field presence, who both share concerns about the future of our small planet and work in the fields of renewable energies and energy transition from decades. The founders of NGO ENERGIES 2050 and of African Biofuel and Renewable Energy Company (SABER-ABREC). In regard to this situation, they created together ethiCarbon Afrique®. While the consequences of climate change are expected to be disastrous, in particular in Africa where countries are very vulnerable, to these changes, this initiative aims to be part of a genuine African energy revolution, based on renewable energies, energy efficiency and energy for all.

Compared to the existing “carbon compensation” initiatives, ethiCarbon Afrique® has a distinctive feature: being not exclusively aimed at greenhouse gases (GHG) reduction. Instead, it gives an equal importance to adaptation and solidarity actions, and stresses the necessity of a community involvement of all actors in the long run.

How does it work?

The entry point of the initiative for the users is a calculator. First of all, the user chooses the kind of activity for which he or she wants to calculate their emissions.

A citizen may, for example, be willing to know how much GHG emissions produces his/her home, or their latest holidays abroad.

A professional could wish to calculate the emissions that were produced during an event he/she organized, or those that were produced during a business trip; a hotel manager could want to evaluate the emissions of his/her hotel for the whole year or just an overnight stay, etc.

After evaluating his/her emissions with the calculator, the user is prompted to reduce their GHG emissions and to make a donation corresponding with the amount of emissions (or a donation of their choice) that will be used to support the implementation of concrete projects in Africa.

For whom?

The tons of carbon on sale through ethiCarbon Afrique® are certified and, thus, can be used both by ordinary citizens and corporate organizations who are willing to be involved in an ethical approach, and by organizations that have a legal obligation to reduce their GHG emissions.
How is defined the price of carbon?

etiCarbon Afrique®’s approach is based on the concept of “dematerialized carbon unit”, which gives a flexible value to the carbon with regard to its economic, social, environmental and ethical performance. etiCarbon Afrique® gives a chance to everyone to have a responsible and supportive approach based on the level of the carbon footprint of one of his activity, as close as possible to the realities of each user’s everyday life.

The price set is an “ethical and solidarity” price (currently 30€/ton) which differs deliberately from the prices observed on the regulated carbon market, in order to fund concrete adaptation and mitigation projects.

Which projects are funded through etiCarbon Afrique®?

The initiative works with a two-step process. In order to provide certified carbon tons to the users in accordance with recognized methodologies, the partners-founders of etiCarbon Afrique® collaborate with Aera Group (formerly ecosur afrique). Aera Group holds the record of carbon credits projects registered in the African continent.

Among them, the first projects chosen for etiCarbon Afrique® initiative, which fed it with certified CO2 tons, are:

- A run-of-river small hydropower plant in Madagascar
- A solar photovoltaic power plant in Mauritius
- An effluent treatment plant for a sugar distillery in Uganda

Two projects focusing on adaptation and resilience have also been chosen for etiCarbon Afrique® initiative:

- Improved cook stoves programme in Democratic Republic of the Congo
- Improved cool stoves programme in Ghana

To find out more, please visit:

The money collected through the initiative is then shared equally between mitigation and adaptation projects. They include renewable energy, energy efficiency, adaptation, social action aimed to vulnerable population, including women, projects. All are realized in Africa and are selected by the board of etiCarbon Afrique®.

Transparency and guarantee of donation use

The whole system is based on the main methodologies of the Mandatory Carbon Markets (methodologies under the auspices of the United Nations Framework Convention on Climate Change - UNFCCC) and of the Voluntary Markets (VCS Verified Carbon Standard, Gold Standard). These methodologies are transparent, internationally recognized, and independent of both SABER-ABREC and ENERGIES 2050, on the substance as well as on the form. The purpose of this is to avoid any double-counting and any possible suspicion.

The chain is virtuous and respect the highest audit standards.

Apart from the operating costs of the initiative, the money collected through etiCarbon Afrique® will be fully used to fund equally mitigation and adaptation projects that are concrete and measurable, in a permanent spirit of solidarity.

etiCarbon Afrique® benefits from the inputs of a governance council which acts as guarantor of the initiative’s objectives, the methodologies implemented, and the reality of the renewable energy, energy efficiency and carbon solidarity projects on the ground. The members of this council are distinguished African and international women and men of high integrity, known and reputed for their ethical messages.

Contact us:
contact@eticarbon-afrique.org
www.eticarbon-afrique.org/en

The partners:
www.energies2050.org/en
www.saber-abrec.org
Africa is experiencing a long lasting and rapid urbanization process, fed by high demographic growth. Its population is expected to reach 2.4 billion people by 2050, 1.34 billion of which will be urban (55%) - compared to 455 million today. It is essential to anticipate infrastructure and resources needs and to limit the environmental and social damages linked to the housing sector. The urgency to act was especially reflected in the INDC/NDC files submitted by African countries. This conference will present buildings issues in Africa, with concrete examples highlighting the opportunities for action, testimonies of participants and feedbacks from best practices.
4pm to 4.45pm
Club de France Pavilion
Green zone

**Intervention in Side event**
Energy and circular economy: for a successful transition
Organized by Green Cross France et Territoires

4pm to 5.30pm
Youth Space, MEDCOP Event
Green zone

**Side event**
Mediterranean cities and territories facing climate changes

Urban areas are responsible for 60% to 80% of the energy consumed and about 75% of total greenhouse gas emissions. These figures are likely to increase, with an additional 2 billion people settling in cities by 2050. Within the Mediterranean basin, the demographic growth came in parallel to an increase of urban rates, from 48% in 1960 to 67% in 2010. Cities thus play a critical role in the implementation of climate policies, especially as the declination of issues at local levels generally allows the implementation of appropriate actions according to geographical, social and local economic realities.

The Mediterranean cities and territories have become aware of the role they must play and are now at the origin of numerous initiatives, sometimes more ambitious than those defined at national levels. Specific action programs to respond to challenges of a Mediterranean region in transition were set up. The involvement of Regions at the recent Mediterranean Forum held in Tangier the 18th and 19th of July (MedCOP Climat 2016) reflects this process and to the key role played by territories.

4.15pm to 5.30pm
New Nordic Climate Solutions Pavilion, Blue zone

**Meeting**
Meeting of the MAC members of the 10YFP Sustainable Buildings and Construction program of the UN for sustainable production and consumption patterns
Africa in general and the Sahel in particular are among the most vulnerable areas to climate change. Floods, droughts, extreme events, deforestation, but also water scarcity and quantitative/qualitative impacts on agricultural production are only a few examples of climate change impacts on millions of people lives, which slow down development capacities. These countries besides already face numerous challenges, from social and economic development to demographic pressure, access to resources, urbanization, etc.

It is imperative to set countries into a sustainable, low carbon, resilient trajectory, promoting a shared and inclusive development that respects natural resources and promotes economic prosperity. This event will build-on on initiatives implemented in Niger, Mauritania and Senegal. Examples of African solutions to the climate issue will also be enhanced.

An essential step to development, the access to energy conditions the access to basic needs. Lack of infrastructure, lack of regulations and extra costs for investing in renewable energy are acting as a roadblock to supply electricity to all in Africa.

In the continent, investment needs in the field of renewable energy and energy efficiency are huge. Their profitability level can only increase as technology advances. Eventually they will be critical to reach the virtuous circle of economic development for a whole continent which in turns will drive the world growth.
ENERGIES 2050 ACTIVITIES AT COP22

FRIDAY

11th

OF NOVEMBER

12pm to 12.15pm
Pavillon Club de France
Green zone

Presentation
The ethiCarbon Afrique® initiative, cofounded by ENERGIES 2050 and SABER-ABREC

1pm to 2:30pm
Youth space of the Swiss cooperation Green Zone

Side event
Water in all its forms, managing scarcity and sharing solutions: youth at the heart of action

The world is thirsty ... Water is a precious and rare resource to which a large part of humanity does not have sufficient access. Whether it is for food needs or for everyday use, water remains a necessity. While some cruelly lack of water, other are over consuming it. As citizens, we can make a significant contribution to reducing our water consumption, optimizing our daily choices and reducing our water footprint.

In this context, awareness-raising and training are the first steps to achieve lasting and meaningful impacts. "Think global, act local" is one of the basic principles of sustainable development: global challenges can only be tackled through solutions that are shaped at the local level. This event will highlight the opportunities for action and the need to involve children and young people in the education of "adults" and in the change of our consumption patterns. The project AquaPath which has developed educational and interactive training materials accessible to young people: water footprint calculator, games for children, video, etc. will be presented.
ENERGIES 2050 ACTIVITIES AT COP22

2pm to 3.30pm
Event coordination and animation
Youth Space, MEDCOP Event
Green zone

Side event
Building and energy efficiency in the Mediterranean: a treasure of opportunity for territories in transition

The total energy consumption from the building sector has more than doubled over the past forty years, as a result of demographic and economic growth but also changes in our consumption patterns and comfort requirements. This consumption is expected to increase by another 30% between 2010 and 2035. In the Mediterranean, the building energy demand could increase by 40% and 42 million new buildings could be built, mainly in cities, by 2030. In view of the imperatives imposed by the Climate Change Agendas and the implementation of the sustainable development goals, there is a real urgency to act: this will avoid negative lock-in effects which would last for the lifespan of infrastructures.

To this extent, the IPCC estimates that reduction of 25-30% in building energy demand could be achieved at reduced or even negative costs, and that savings could in some cases reach 90% with a greater investment. The building also plays a major role in terms of adaptation, economic and social development and comfort. In this context, innovative approaches have been set up to tackle the issue under the prism of a systemic approach. It would take into account the buildings lifecycle, be based on concrete and duplicable projects and developed within a collective framework. An initiative on the Mediterranean building sector was launched in order to scale up initiatives and exploit all opportunities.

6:15pm to 7:45pm
Intervention in Side event
New Nordic Climate Solutions Pavilion
Blue zone

Intervention in Side event
Sustainable Buildings and Construction in North Africa to mitigate climate change and to provide business opportunities
Sustainable cities and urban strategies are key to promote the energy transition and, more generally, to develop low carbon, resilient and solidarity-based territories. Gathering over 50% of the world’s population and probably 70% by 2050, cities are already responsible for 75% of CO2 emissions and are expanding, especially in developing countries, particularly in Africa.

La Francophonie’s Initiative for Sustainable Cities (IFVD), co-founded by OIF-IFDD, ENERGIES 2050 and UN Habitat, developed a systemic approach to accompany cities onto development trajectories that are resilient, low-carbon and sober in natural resources, improving living conditions solidarity at the territorial level on the long term. The IFVD supports the implementation of sustainable urban strategies by providing concrete answers adapted to the realities of each city, whatever its size, while promoting a systemic approach that takes into account the urban complexity and the interrelations existing between the different sectors.
ENGINES 2050 ACTIVITIES AT COP22

2pm to 3.30pm
Teritories space, MEDCOP event
Green zone

Side event
Sustainable tourism in the Mediterranean ... an essential contribution at the heart of the territories’ low carbon strategies

The Mediterranean coasts recorded 31% of global tourist arrivals in 2011, and this figure exceeded 35% in the previous years. International tourism receipts reached € 190 billion in the region, representing approximately 26% of the world’s total. Key economic sector, the tourism is also an important emitter of greenhouse gases and at the same time is strongly impacted by climate change.

In the future, tourism can and should play a major role in moving towards resilient and carbon-neutral territories in the Mediterranean. An abundance of initiatives has been launched with a direct or indirect focus on the Mediterranean basin. As part of the neZEH project "Hotels near Zero Energy", sixteen pilot hotels in seven European countries, including five Mediterranean countries (France, Croatia, Greece, Italy and Spain) have committed to implementing comprehensive renovation programs and strive energy efficiency excellence. More generally, green tourism initiatives are taking place in the North as well as in the South and in the East shores of the basin.

2pm to 2.45pm
Club de France Pavilion
Green zone

Side event
Carbon for a new development paradigm in Africa – The initiative ethiCarbon Afrique

The challenge of carbon measure is at the heart of technical exchanges related to the Paris agreement and of the transformation of INDCs into NDCs. The valorization of emission reductions also remains central because it relates to the ability to convert climate performance into economic performance and a support mechanism for low carbon development in developing countries. This workshop will review the current situation and ongoing debates as well as options that could tomorrow transform and revitalize the market (minimum carbon price, new market mechanisms ...). The African initiative ethiCarbon Afrique® co-driven by pan-African institutions will be presented.
ENERGIES 2050 ACTIVITIES AT COP22

MONDAY

14th
OF NOVEMBER

11am to 12.30pm
Official Side event
Green zone

Speaker in official side event
Armed conflicts in the Arabic and African areas and their influence on the climate
Organized by FONGAF

2pm to 3.30pm
Youth Space, MEDCOP Event
Green zone

Side event
The energy transition in the Mediterranean, a treasure of opportunities to implement NDCs

The energy sector is at the heart of the climate issue, accounting for the main part of our greenhouse gas emissions. In the Mediterranean, growth in demand due to demographic and economic pressures exacerbated tensions on the supply, transmission and distribution networks. Demand for energy could increase by 40% by 2030, and this growth will largely come from countries on the southern and eastern shores of the basin. To date, supply in the Mediterranean is mainly based on fossil fuels (90% in 2013); Renewable energy represent only 11% of the final energy mix despite a huge potential.

Challenge related to control of energy consumption, security of supply, reduction of dependence on fossil fuels and reduction of greenhouse gas emissions must now be integrated into sectorial policies. To this respect, Mediterranean countries should exploit the huge existing opportunities in many sectors of energy consumption (cities, buildings, agriculture, industry, etc.) and develop renewable energy resources for a resilient and low carbon development.

6pm to 6.15pm
Club de France Pavilion
Green zone

Exhibit
Presentation of the exhibition Art’sPLANET
My climate today, my climate in 20 years, and me?
Our climate today, our climate in 20 years, and us?
6.30pm to 8.00pm
Austral room
Blue zone

Speaker in official side event
Translating NDC targets on renewable energy into implementation plans and strategies
Organised by IRENA and ENDA
The literature on international negotiations is abundant, but only few documents are designed for citizens, inviting them to understand the complexity of this process. Depending on how things are presented, the citizen is often led to position himself according to his emotions, the talent of the speakers, etc. In fact, he can easily feel totally overwhelmed, sometimes angry, suspicious or rejected by debates in which he does not always recognize himself or in situations that are sometimes presented to him as fatalities.

It is in this context that ENERGIES 2050 published at the occasion of COP22 two pedagogical guides for citizens, on the international climate negotiations and on the Sustainable Development Objectives (SDO), with a desire to reach also the youth. The purpose of this guide is to provide information on the processes, challenges and opportunities of international negotiations, also linking these high-level events to the daily life at the local level. There are many challenges, but there are also many opportunities for action. These are fully part of the solutions to move towards a world more respectful of natural resources, low carbon, solidarity-based and fair.
ENERGIES 2050 ACTIVITIES AT COP22

WEDNESDAY

16th

OF NOVEMBER

11am to 12.30pm

Side event
Rethinking Carbon as a tool of development and solidarity: Innovative, ethic and carbon mechanisms to support African and Least Developed countries energy transition and increase their resiliency

Adaptation has become a global objective, written in the Paris Agreement. Despite this significant progress, ambition and initiatives must be scaled up to support countries in their development strategies, with regards to their national realities. Taking into account this need and the desire to go beyond the existing carbon credit mechanisms, this Conference will analysis needs and will present promising initiatives, including ethiCarbon Afrique®, an initiative for solidarity-based development in Africa.

The objective is to allow everyone, professional or private, regardless to his country of origin or his sector of activity, to offset his GHG emissions at an ethical and solidarity-based carbon price. The funds are then reinvested equally in adaptation and reduction projects in Africa. Similar and already implemented initiatives will be presented with a specific focus on Africa. The objective of the Conference will be, in particular, to go beyond these existing initiatives by mutualizing experiences and successes, all under the prism of the UNFCCC’s MRV (Measure, Report, and Verification) methodology.

12pm to 12.15pm

Presentation
Guide to energy transition: share knowledge to act
Realized by ENERGIES 2050 on behalf of IFDD/OIF and published in the collection Points de Repère – IFDD/OIF
ENERGIES 2050 ACTIVITIES AT COP22

12pm to 1:30pm
Youth space of the Swiss cooperation
Green zone

Side event
The sustainable development goals and climate change: new challenges and opportunities for the youth. Mobilise in the long term, in the Mediterranean and elsewhere.

ENERGIES 2050 and its partners place the citizen and especially the youth at the heart of debates on climate change and sustainable development, giving them the means to learn and take informed action. This action is a contribution to the collective construction for which many actors are already mobilized. This being said, ENERGIES 2050 and its partners plead for a systemic approach to development and go beyond singular and/or sometimes emotional action. In practice, once the citizen, and in particular the youth, understands the interrelations between all the subjects, he can become the spokesperson for this great cause which cannot be dealt with only punctual or sectorial solutions.

ENERGIES 2050 published a pedagogical guide on the Sustainable Development Goals to the attention of citizens. This guide aims to contribute to raising everyone’s awareness, so that sustainable development is no longer seen as a simple subject of discussion or debate for specialists but is definitively integrated into our everyday habits.

4pm to 5:30pm
Youth space
MEDCOP event
Green zone

Side event
Gender issues and climate change in the Mediterranean

In many countries, particularly the most vulnerable developing countries, women are the first victims of the consequences of climate change. They represent, for example, around 43% of the agricultural workforce worldwide and are therefore directly impacted by adaptation and food security challenges. At the same time, they often have strong ability to adapt and are, especially through their central role in the education of children, at the forefront of raising future generations’ awareness on the challenges related to climate change. Despite this, unfairness suffered by women, particularly in developing countries, in terms of access to basic human rights or even to financial, social and environmental resources, are still persistent.

Gender is a cross-cutting theme that tends increasingly to gain in importance and recognition. It figures in the Paris Agreement (Article 7 on adaptation and Article 11 on capacity reinforcement), which considers gender equality as one of the major issues in international climate objectives. The contribution of COP 22 to the recognition of this fundamental issue is expected to bring significant progress. In this spirit, at MedCOP22, the "Women facing Climate Challenges in the Mediterranean" network was launched and already constitute a success for the Mediterranean region.
ENERGIES 2050 ACTIVITIES AT COP22

THURSDAY

17th

OF NOVEMBER

Presentation
Guide - Sustainable buildings in tropical climates
* Tome 1 – Design of buildings in tropical regions
* Tome 2 – Energy efficiency of existing buildings
Realised by ENERGIES 2050 on behalf of IFDD/OIF
and published in the collection
Points de Repère IFDD/OIF

2.30pm to 2.45pm
Club de France Pavilion
Green zone

Side event
New means and forms of mobilisation for the Youth.
Making the struggle against climate change an universal
and solidarity-based fight
& Presentation of the report : The energy transition :
Share knowledge to act

3.30pm to 5pm
Youth space of the Swiss cooperation
Green zone

Our societies are facing repeated crises, whether these are political, social, economic, ecological or/and climate change related. Population growth, human predation onto natural resources and inequality and poverty are amplifying consequences that are increasingly visible and irreversible. Many people even think that the survival of the world as we know it is at stake. However, far from being inevitable, these crises may also be a tremendous opportunity to put our development model as well as our consumption and production patterns into question.

Opportunities of this early 21st century are numerous. Everywhere initiatives are created to raise awareness, inform and share innovative solutions that are ecologically responsible, socially fair and economically viable. Internet and social networks already play a very important role in this abundance of goodwill and collective intelligence ... but meetings between project-solution holders remain essential. The goal of this meeting is to discuss these new means of mobilization as tools of involvement of the youth on the issues of climate change. As young people carry many initiatives, debates will also focus on how new telecommunication means can help to implement these initiatives (through, for example, solidarity crowdfunding, citizen mobilizations via Facebook, etc.).
The Mediterranean is one of the "hot spots" of our planet and the consequences of climate change will be stronger there. Beyond the international agenda, the reduction of GHG emissions at their source, as well as the consideration of adaptations needs are to be organized regionally. Initiatives are carried on by many stakeholders in the Mediterranean. This conference will aim to highlight the issues and shared challenges arising from contrasting interests around a common sea ... It will be an opportunity to discuss and to share in order to implement low-carbon strategies for common development. The initiatives and shared dynamics involved in the changes will also be presented.

Intervention dans side event officiel
Innovate and mobilize to improve the resilience of populations in LDCs - Experience from Niger and testimonies from African countries