

Developments in Aquaculture Improvement

- PRESENTER FLAVIO CORSIN | IDH, THE SUSTAINABLE TRADE INITIATIVE

GLOBAL OUTLOOK FOR AQUACULTURE LEADERSHIP

GUANGZHOU, CHINA | DAY 3

HEALTHY FISH | HEALTHY PEOPLE | HEALTHY PLANET

Flavio Corsin



- Flavio Corsin is the Vietnam manager for IDH, the Sustainable Trade Initiative.
- After living in Vietnam for the past 14 years, he is now based at IDH headquarters in Utrecht, the Netherlands.
- Corsin served as senior aquaculture advisor for the World Wildlife Fund (WWF) from 2007 to 2010, and was instrumental in developing pangasius farm standards for the Aquaculture Dialogues, which were eventually passed to the Aquaculture Stewardship Council.
- Corsin has also consulted for the United Nations' Food and Agriculture Organization (FAO).
- [Read his Aquaculture Exchange interview on the Global Aquaculture Advocate website.](#)

Developments in Aquaculture Improvement

Flavio Corsin
Aquaculture Program Director



**the sustainable
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Ministry of Foreign Affairs



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra
Swiss Confederation
Federal Department of Economic Affairs,
Education and Research EKER
State Secretariat for Economic Affairs SECO

DANIDA



Convene
Collaborate

Private partners



Pre-competitive

\$\$\$

Project/Program

People
Planet
Profit

Farmers
Workers

etc...

Institutions



Aquaculture



Coffee



Tea



Spices



Apparel



Cocoa



SCIP SUSTAINABLE COFFEE PROGRAM



Bringing sustainable coffee production and sourcing practices to scale to meet increasing demand, while improving farmer livelihoods and sustaining natural resources.

National level partners:



Donors:



Ministry of Foreign Affairs



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER
State Secretariat for Economic Affairs SECO

A (recent) history of aquaculture improvement

- Production/Technological improvement
- Health management (before the big viral pandemics)
- YHV, WSSV, Taura
- Better management practices
 - Seed testing/domestication/Diagnostics
 - Live with the bug
- Certification (from feed/seed to farm to processing)
 - AIP
- Zone management

Problem solved! Now we are sustainable!



Sustainability challenges

- Diseases (and consequently food safety)
 - Volatile survival: within farms, between farms
 - Epidemics/Pandemics. Slow reaction time by sector
- Feed
 - Labour issues
 - Sustainability of ingredients
- Image/perception
- Limited investment

God, grant me the serenity to **accept**
the things I cannot change

the **courage** to change the things I can

and the wisdom to know the **difference**

The things that we cannot (really) change

- There will always be diseases (e.g. Zika)
- Huge species variety
- Trade of live animals (e.g. broodstock)
- Importance of small-scale production
- Numerous markets with numerous “tastes” (also on sustainability)

The things that we can change

- Focus of our efforts
 - Certification, zone management etc. target internationally traded species & “low hanging fruits”. What about the rest? How do we collaborate to address those?
 - Can we align on key priorities for the sector (e.g., health, feed, legality, social)?
 - Can we focus resources towards those priorities?
- Use effectively available resources for addressing those priorities
 - Plenty of data for certification. Can we use them to improve production/health?



**GLOBAL COFFEE
PLATFORM**
for a sustainable coffee world

THE NEED FOR A GLOBAL COFFEE PLATFORM



Market

- Consumption growth will outpace production
- Consolidation of industry
- **Fragmentation and overlap of activities and programs**

Economic

- **Lack of business case, low wages & low level of organization**
- Poor access to supply chain infrastructures
- Access to finance

Environment

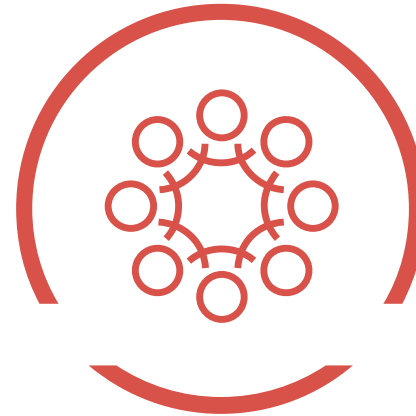
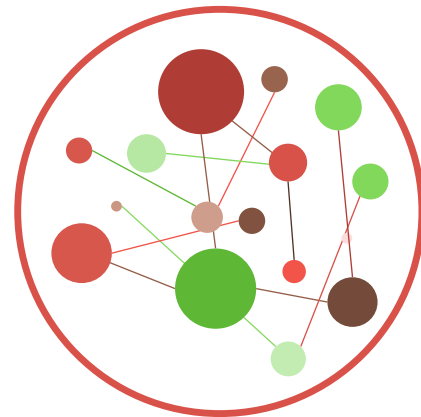
- **Climate change and diseases causes loss of production**
- **Soil erosion & increasing pressure on water, biodiversity and forests**

Social

- Aging farmer population/next generation
- **Labor issues (child & forced labor), gender inequality**
- Poor access to social infrastructure

A NEW ERA FOR SUSTAINABILITY!

AN ALIGNED COFFEE SECTOR WORKING TOWARDS KEY SDGS



A GLOBAL PPP ARRANGEMENT



VISION2020
Collective Impact for Sustainable Coffee Communities



**INTERNATIONAL
COFFEE
ORGANIZATION**

A NECESSARY SPLIT



ROCK SOLID FOUNDATIONS



- Inclusive network
- Convened the sector
- Created global alignment on a broadly accepted agenda for the sector

Key Achievements

- Developed the largest baseline verification standard in coffee



- Results-oriented coalition
- Initiated pre-competitive decisions
- Facilitated local ownership
- Unlocked co-funding in the sector

Key Achievements

- Initiated and strengthened new and existing national/regional platforms and national sustainability curricula

GOVERNANCE

BOARD

4 producer representatives

1 trader

3 roasters (Nestle, JDE, Tchibo)

3 Civil society (UTZ, Rainforest Alliance, Caffe' Africa)

IDH Chair

GENERAL ASSEMBLY

SECRETARIAT



Our Membership

All Individual Associate Trade & Industry Producers Civil Society Select a member...



NATIONAL PLATFORMS FOR COFFEE FARMER SUPPORT



Honduras & Peru
Rejuvenation economy for farmers

Colombia
More efficient cooperation for extension delivery

Brazil
Enabling access to Brazilian resources for coffee farmer support

Ethiopia
Traceability together with the ECX

Uganda
Increasing income from coffee for small holder farmers

Tanzania
Rejuvenation economy for farmers

Vietnam
Sustainability with a focus on soil fertility, rejuvenation and water saving

Indonesia
Increasing income from coffee for small holder farmers

A GLOBAL PPP ARRANGEMENT



VISION2020
Collective Impact for Sustainable Coffee Communities



**INTERNATIONAL
COFFEE
ORGANIZATION**

What do we need in aquaculture?

Collaboration!

- A better organized sector
 - Standard neutral, independent organization
 - Public-private arrangement at international and national level
 - Certification programs, NGOs, businesses collaborate on the basics (e.g. data collection)
 - Businesses work also outside their supply chain
 - Donor alignment

Some (simple?) steps forward

- Certification schemes agree on a framework for data collection
- Farmers/companies collect data through the certification process
- A tool is developed to transfer data to a database
- Anonymised farm data are submitted to the database
- The database is used by epidemiologists, economists, etc... to identify risk factors and possible new diseases
- Farmers (and others) are advised on what may work
- May act as an early warning system
 - Farmers can tell new diseases

Some more steps

- Sector leaders develop a framework for a fully inclusive sector arrangement/organization
- National public-private platforms are created/supported
- The sector agree on
 - harmonised baseline code (not a standard)
 - Does it already exist? COC Fisheries, GSSI...
 - priorities: disease? feed? social?
- Seek alignment towards supporting the sector to comply with the baseline code & to support the prioritised agenda



Let's work together!

Flavio Corsin

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