

REDD+ and CORSIA:
Big demand, big potential, big need for
environmental integrity
Jurisdictional REDD+ gets ready for take-off

17th CTI / ICAO-CORSIA
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Environmental Defense Fund



International Coalition for Sustainable Aviation

- ✓ Network of non profit organizations represents mlns members
- ✓ Only env civil society group accredited as observer by ICAO
- ✓ Goal: reduce pollution from air travel
- ✓ “FlightPath1.5”: Aviation shd contribute its fair share to goal of limiting the global temperature increase to 1.5°C Degrees
(See: <http://www.flightpath1point5.org/>)



ICSA

International Coalition for
Sustainable Aviation



ICSA's transparency recommendations*)

- ✓ Each operator's emissions inc 2019/20 baseline**
- ✓ Surrendered units per operator**
- ✓ Surrendered units per offset program**
- ✓ Sustainable alternative fuel used**
- ✓ Transparent rulemaking on eligibility of units**
- ✓ Verification of emissions and surrendered units**

*) <http://icsa-aviation.org/wp-content/uploads/2017/05/ICSA-Registries-Paper-FINAL-1.pdf>

Lessons from other environmental markets

CA, KP ITL, US SO₂
VCS, MARKIT...

KP, EU ETS, US SO₂,
CA, QUEBEC, RGGI

CA, RGGI, EU ETS,
SOME VOLUNTARY
PROGRAMS

Public disclosure of
each operator's
annual emissions
and each operator's
offset obligation

Transparent and
accurate tracking
of each uniquely
identified
emissions unit,
including all
cancellations

Open decision making
process

- Opportunities for
public input, comment,
and access to
information

Paris Integrity Depends on CORSIA Transparency

WHO



Each airline

WHAT

Transparently disclose each airline's annual emissions, offset obligation, and offset cancellation

WHY

Public confidence that each airline is meeting its obligation



ICAO

Use open decision making process with meaningful public comment period

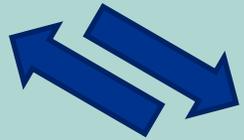
Public confidence in the quality of reductions eligible for participation

Paris Integrity Depends on CORSIA Transparency

WHO

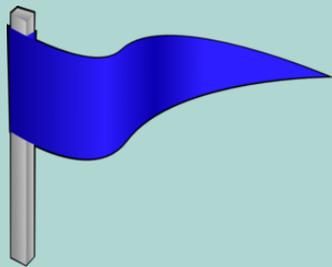
WHAT

WHY



Each Offsets Program

Disclose all surrendered units



Each Party

Add all CORSIA-tendered emissions units into host country emissions inventory

Assurance that CORSIA claimed reductions are not counted toward other climate targets

Role of forests for meeting 1.5/2.0 degrees

- ✓ Land use and land use change: approximately 25% of emissions (IPCC)
- ✓ Halting trop. deforestation and forests regrowth is >30% of reduction & sequestration needed for global goal (Houghton)
- ✓ 25% of Parties' planned 2030 cuts come from forest (JRC)
- ✓ REDD+ is UNFCCC agreed approach, Parties report emissions compared to reference levels (Warsaw Framework)
- ✓ Despite differences amongst NGOs incl ICSEA on REDD+ and markets, EDF welcomes Jurisdictional REDD+ nested in national strategy and outcome
- ✓ REDD+: higher likelihood of meeting no-double-claim and delivering greater atmospheric benefit, than project-based credits including CDM

Forest Nations are getting Ready for REDD+

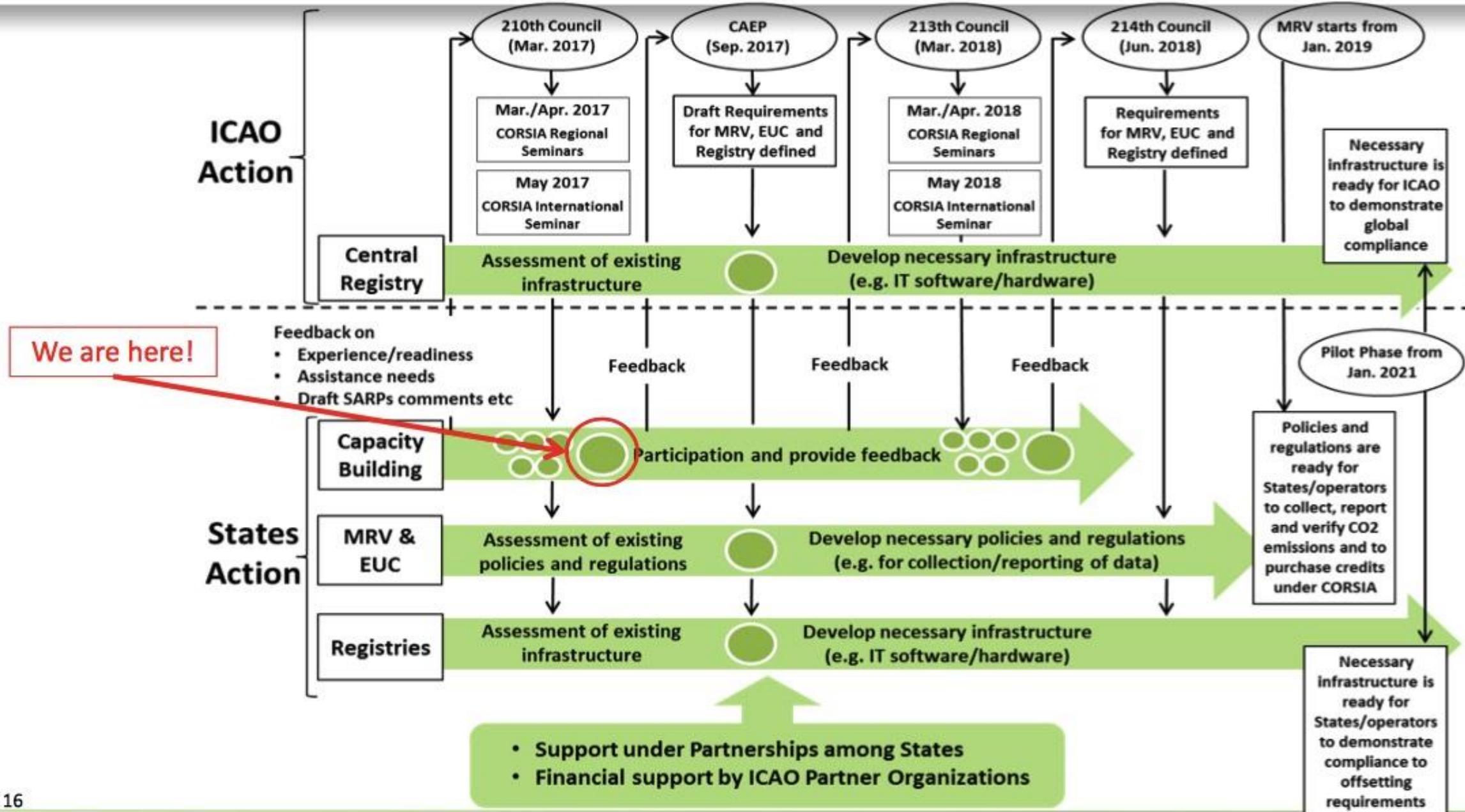
Countries with Forest Reference Emissions Levels under the UNFCCC Warsaw Framework, February 2017

Brazil	Costa Rica	Guyana	Mexico	Sri Lanka
Cambodia	Côte d'Ivoire	Honduras	Nepal	Tanzania
Chile	Ecuador	Indonesia	Papua New Guinea	Uganda
Colombia	Ethiopia	Madagascar	Paraguay	Viet Nam
Congo	Ghana	Malaysia	Peru	Zambia

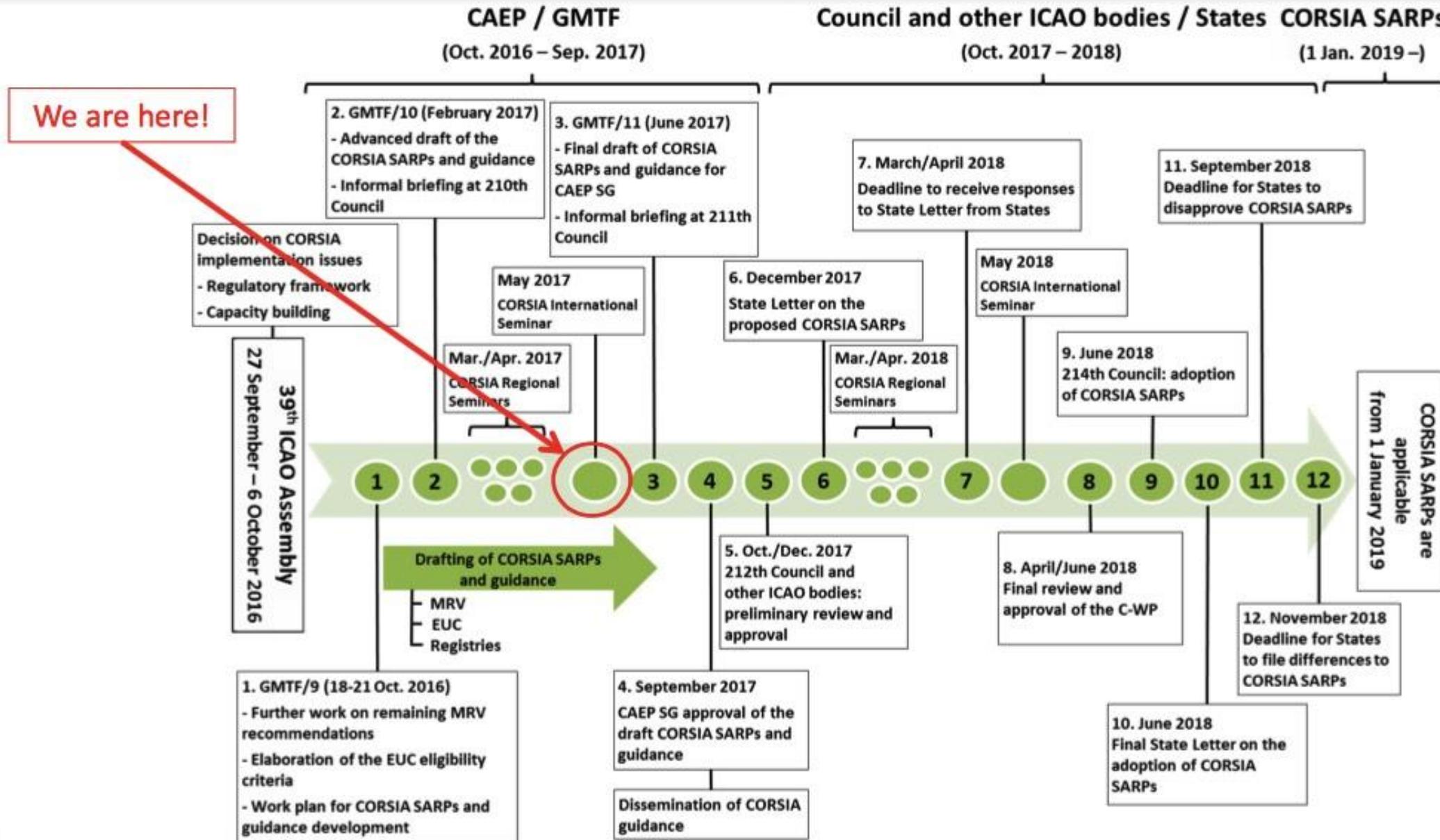


UNFCCC expert technical assessment of FREL/REL has been completed

CORSIA Capacity Building and Assistance Timeline

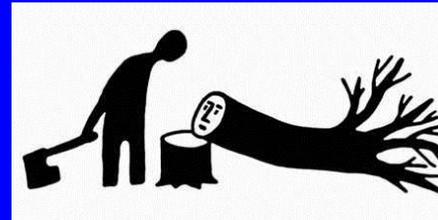
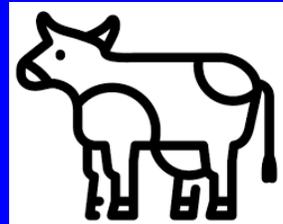
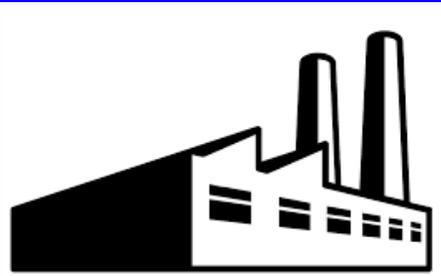


CORSIA SARPs and Guidance Development Timeline

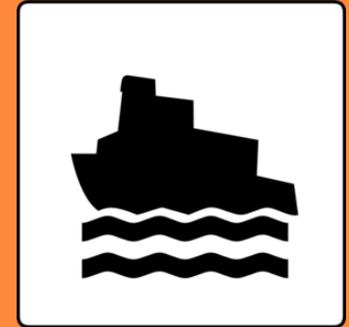


Two worlds of CO2 targets

Paris: National Determined Contributions (NDCs)



IMO: no target yet

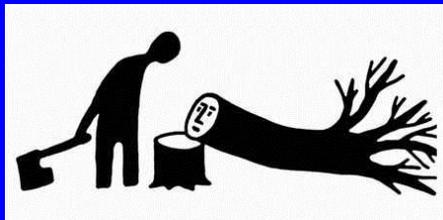
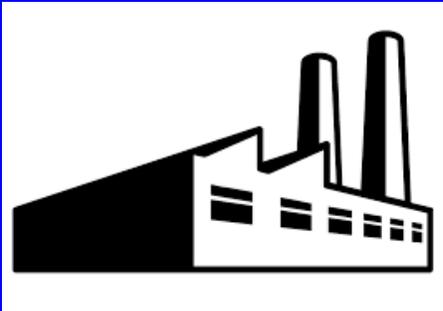


ICAO: limit net emissions to 2020 levels



Transfer of reductions

Reductions from nations NDC transferred to ICAO CORSIA...



...to maintain Paris accounting integrity, the host Party must subtract the units from its holdings and add the emissions to its inventory.

ICAO:
reduce net
emissions
to 2020



Key Take-Aways

1. 1,5/2 Degr. target can't be met w/o forest protection
2. For civil society transparency is of utmost importance, for markets a must and for airlines an opportunity
3. CORSIA's transparency provisions: Airline-by-airline emissions disclosure, disclosure of offsets used, transparent rulemaking, No double claiming
4. Paris integrity depends on CORSIA transparency → 1 credit in 1 regime: add to nat inventory after

Thank you!

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