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**Avoiding loss of high-carbon
soils through peatland
mapping and monitoring for
climate action**

UNFCCC COP Side event

Room 1

Monday 2 December 2019

16:45-18:15 (UTC+01:00)

IFEMA - Feria de Madrid

The Project on Capacity Development for Forest Conservation and REDD+ Mechanisms in Peru

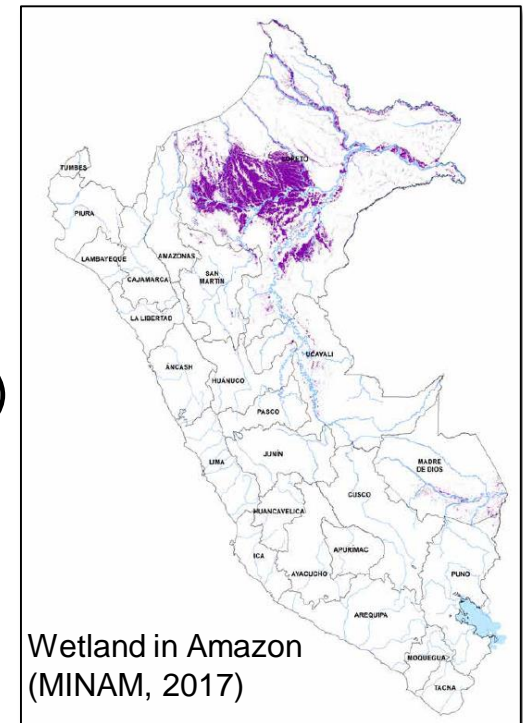
■ **Target**

- (1) Forest mapping and monitoring
- (2) Forest Early warning system

■ **Key figures** *(Source: MINAM, 2017; Page et al., 2011)*

- ✓ 6.3 Million ha (Wetland in Peruvian Amazon)
- ✓ 5.0 Million ha (Peatland area)

➡ **Mapping wetland forest including peatland**



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- **Mapping wetland forest including peatland**
 - ✓ Aguaje is a typical wetland forest species
 - ✓ Aguaje is an important indicator of existence of peatlands in Peruvian Amazon

- Aguaje is a key species (*Mauritia flexuosa*)



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■ Result

1. Methodology of wetland forest mapping including peatland
2. Verification of the thickness of peatland (max 360 cm)

■ Next Step

1. Refining the methodology
2. Quantification of peat carbon
3. Discussion on designation of the activity into NDC

