

# Institutionalizing Climate Forecast Use for Enhancing NTT Food Security

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# Onset Delay

## example of forecast use

- Sept.: Prediction of monsoon onset delay: 4 weeks: mid Dec
- Avoid false rain planting
- Promote diversified crop mix
- Delay planting to late Dec/Jan - lower harvest June/July
  - “Emergency” food imports, Apr/May onwards
  - Livelihood diversification programs: BUDGET

*Good information & intentions will not feed people*



# Annual Plan & Budget Process (normal)

- Jan – Desa annual dev plan
- Feb – Kecamatan annual dev plan (*Rencana Pembangunan Kecamatan*)
- Mar – Kabupaten dev plan (*RP-K*): Bappeda
- Apr – Provincial dev plan (*RP-P*): Bappeda
- May-Aug – National dev plan (*RP-N*): Bappenas
- Sept-Oct – State Income & Expenditure Plan (*APBN*): National Parliament
- Nov-Dec: Provincial/Regional Income Exp Plan (*APBD-I*): Parliament & Bappeda; District Income Exp Plan (*APBD-II*)

Jan+ Funds draw down



# Informing APBN process of NTT monsoon delay forecast

Jan – Desa annual dev plan

Feb – Kecamatan annual dev plan (Rencana Pembangunan Kecamatan)

Mar – Kabupaten dev plan (RP-K): Bappeda

Apr – Provincial dev plan (RP-P): Bappeda

May-Aug – National dev plan (RP-N): Bappenas

- **Sept-Oct:** National Parliament debates: State Income & Expenditure Plan (APBN)
  - What process to inform of NTT forecast of monsoon delay?
  - Role of Food Security Council
  - Provincial Parliament, Bappeda, BMG, B2KP,...



# Informing APBD-I budget of NTT monsoon delay forecast

Jan – Desa annual dev plan

Feb – Kecamatan annual dev plan (Rencana Pembangunan Kecamatan)

Mar – Kabupaten dev plan (RP-K): Bappeda

Apr – Provincial dev plan (RP-P): Bappeda

May-Aug – National dev plan (RP-N): Bappenas

**Sept-Oct:** NTT forecast of monsoon delay: National Parliament debates, Jakarta:  
State Income & Expenditure Plan **modified** (APBN)

- **Nov-Dec:** Provincial Parliament: Regional Income Exp Plan (APBD-I)
  - What process to inform of NTT forecast of monsoon delay?
  - Role of Food Security Council
  - Action orientation: Bappeda, BMG, B2KP, Ag. department, Social Work, Bulog



# Monsoon delay forecast & monitoring information for APBD II Budget

Jan – Desa annual dev plan

Feb – Kecamatan annual dev plan (Rencana Pembangunan Kecamatan)

Mar – Kabupaten dev plan (RP-K): Bappeda

Apr – Provincial dev plan (RP-P): Bappeda

May-Aug – National dev plan (RP-N): Bappenas

**Sept-Oct:** NTT forecast of monsoon delay: National Parliament debates, Jakarta: State Income & Expenditure Plan **modified** (APBN)

**Nov-Dec:** Provincial Parliament: Regional Income Exp Plan APBD-I **modified**

- **Nov-Dec:** District Income Exp Plan (APBD-II)
  - Process to inform of localized monitored monsoon delay & forecast
  - Role of provincial and district Food Security Council
  - Bappeda, BMG, B2KP, Bulog



# Using climate forecast for food security budget operation, other examples

- ABPN-P (mid-year budget modifications): Aug – Sept process: Use Sept-Oct forecast for funds draw down in Oct-Dec period
- B2KP budgetary process
- Kecamatan and Desa annual dev budgets
- Emergency funds – Governor – Food Security Council
- ....



# Institutionalizing Use of Climate Information for NTT Food Security

- Emergency logistics: food stock distribution (Food Security Council)
- Budget modifications (Governor's Office)
  - ABPN-P (mid-year budget modifications)
  - Regional Income Exp Plan APBD-I
  - District Income Exp Plan (APBD-II)
- Crop management changes (planting, input provision): **Local Knowledge** systems (Ag. Dept)
- Recognizing food security is more than securing rice: crop diversification, away from rice (B2KP)

