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Local Content in Oil & Gas Industry in Brazil

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Luiz Henrique Bispo - Superintendent of Local Content

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## LOCAL CONTENT POLICY

#### **Local Content in Brazil**



#### **Definition**

Local content consists in the proportion between (i) the expenditures with national goods and services for the exploration's and production development's operations within E&P contracts and (ii) the total expenditure for this purpose



#### Goals

- Aproppriation of long term oil income and move away from commodity dependency
- Stimulate demand to increase participation of local suppliers in a competitive basis
- Indirectly stimulate technological development and labor generation





#### The role of ANP

Execute

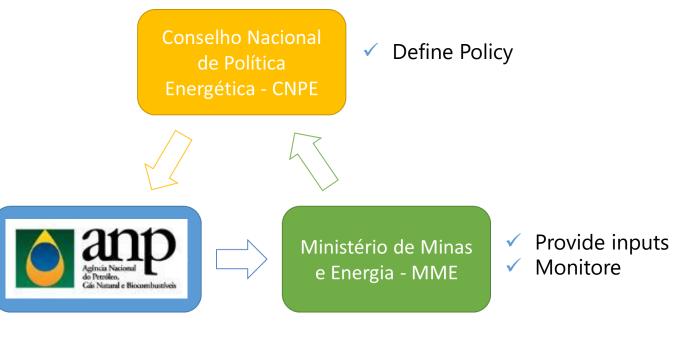
✓ Control

Regulate

✓ Provide inputs



#### Institutional structure



#### **Execution of the policy**

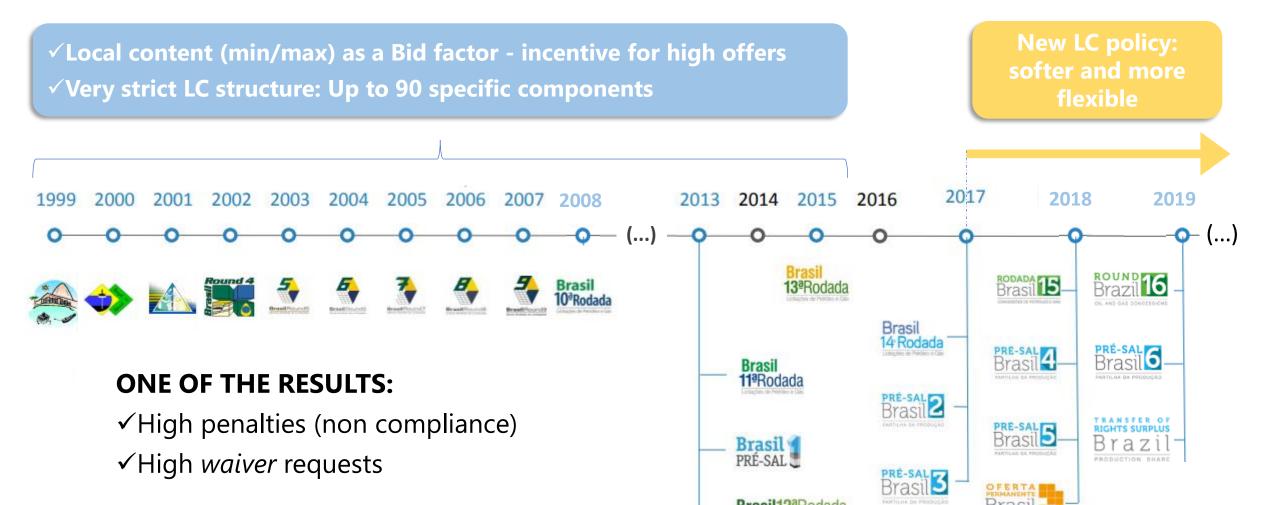
- CNPE stablishes LC requirements for each ANP bidding round
- ANP inserts LC clauses within the E&P contracts
- ANP regulates, control and enforce LC clauses

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## LOCAL CONTENT IN E&P CONTRACTS



#### LC percentage and structure: Timeline

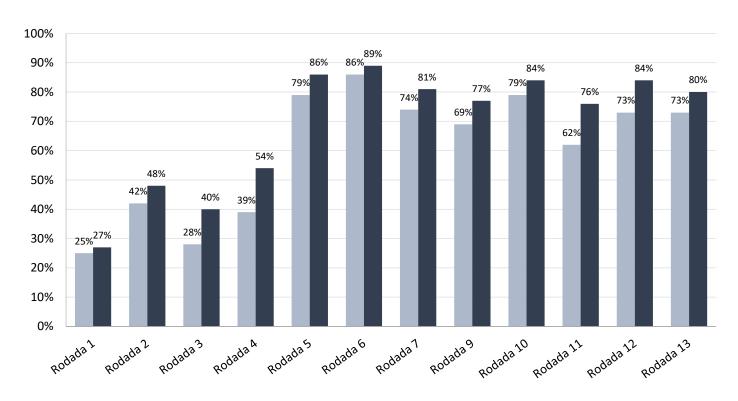






#### Former LC policy:

#### High offers: avarage LC per bidding round



■ Exploration Phase ■ Production Development Stage

#### New LC policy:

### Since 14th bidding round (2017)

Exploration	Onshore:	50%
Phase	Offshore:	18%

Production Development Stage	On:	50%	
	Off:	Wells:	25%
		Subsea:	40%
		Production Units:	25%



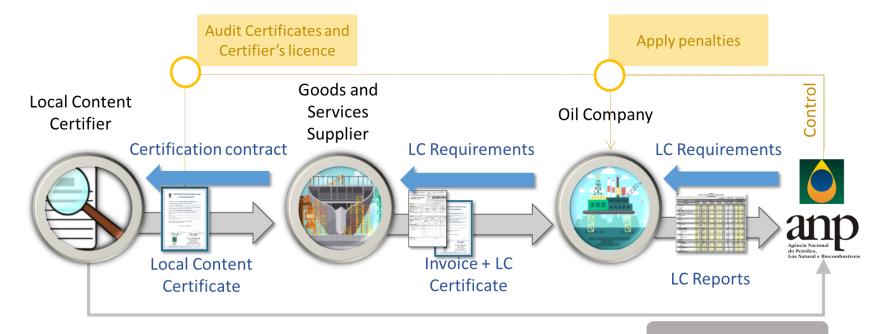


#### LC Measurement method: local supplier vs inputs

#### Local content as expenditures in national goods and services

- ✓ National supplier is not a requirement for local content, what matters is the fabrication process;
- ✓ Certificating the % of local content of each goods and services supplied: according to nationality of components, inputs and labor, regardless supplier's localization or ownership;

## **Certification structure**



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## LESSONS LEARNED





## Costs Benefits

- E&P Investment attractiviness
- Potential delays in E&P projects
- Compliance costs
- May reduce suppliers competitiviness

- Long term oil income appropriation
- Industrial development
- Technology and labor

#### Successful Cases



#### Shipyards and FPSO modules building and integration

















#### Subsea





















#### **Lessons learned**

#### **Collaboration with players and transparency**

#### **Monitor since the beginning**

 Monitor national suppliers' delivery capacity and bidding rounds results; stablish policy goals and measure results, mainly by stablishing indicators

#### Share results and coordinate with related policies

Sinergy with other industrial policies

#### Flexible LC requirement's structure

• E&P long term investment maturation requires flexibility due to uncertainty

#### **Balance incentive and penalties**

#### The challenge is...





