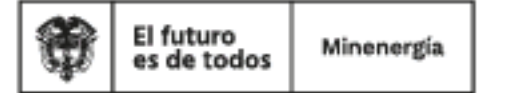




**COLOMBIA
ROUND 2021**

ANH
AGENCIA NACIONAL DE HIDROCARBUROS



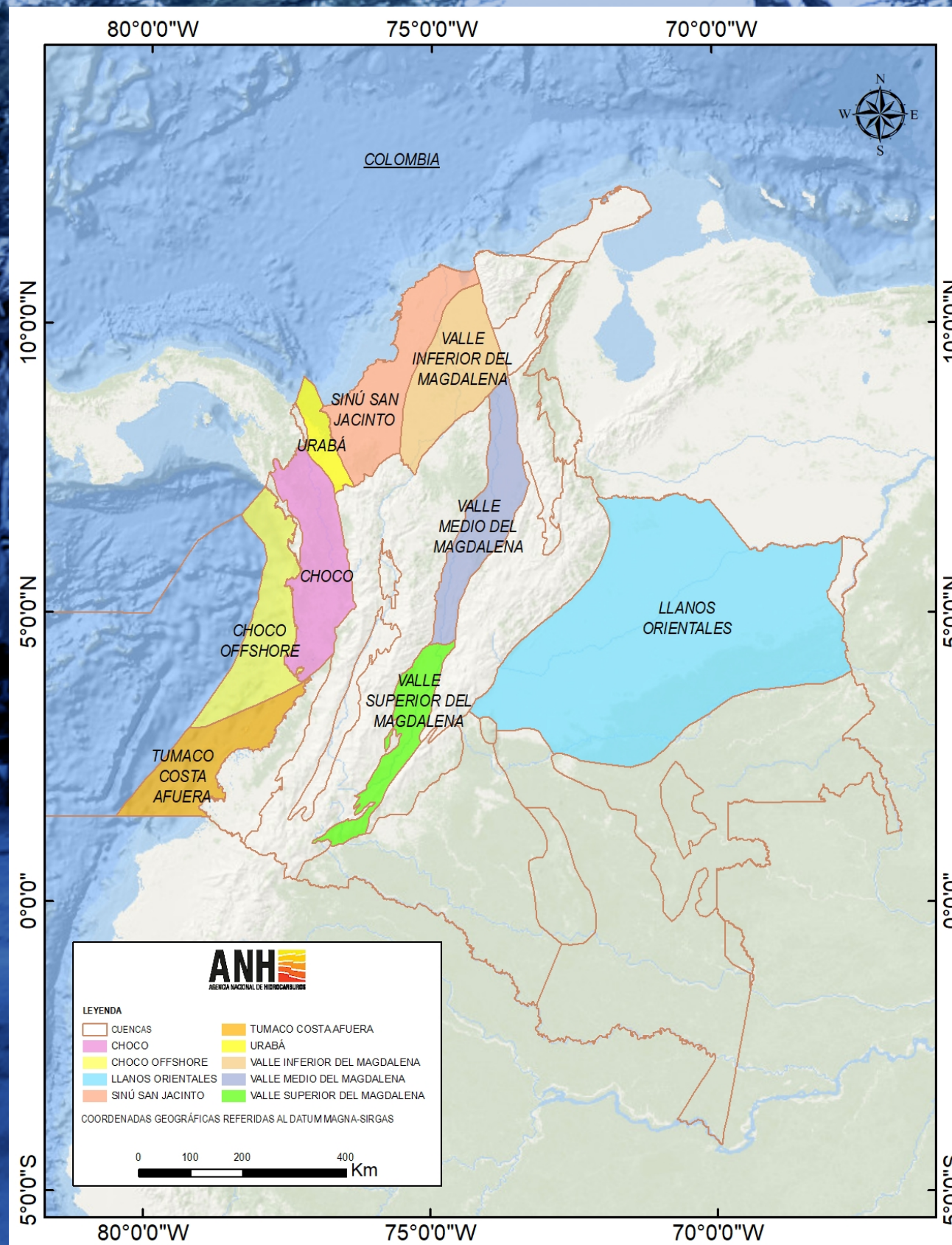
#LaNUEVAENERGÍA

Launch of
**COLOMBIA
ROUND
2021**



Thursday
JUNE 10TH
2:00 P.M. - 3:00 P.M.

Features of Colombia Round 2021



Fourth cycle of the Continuous Process of Area Nominations - PPAA

28 blocks offered by the ANH

Free areas open for the nomination of blocks (4 to date)

Available blocks defined by the ANH

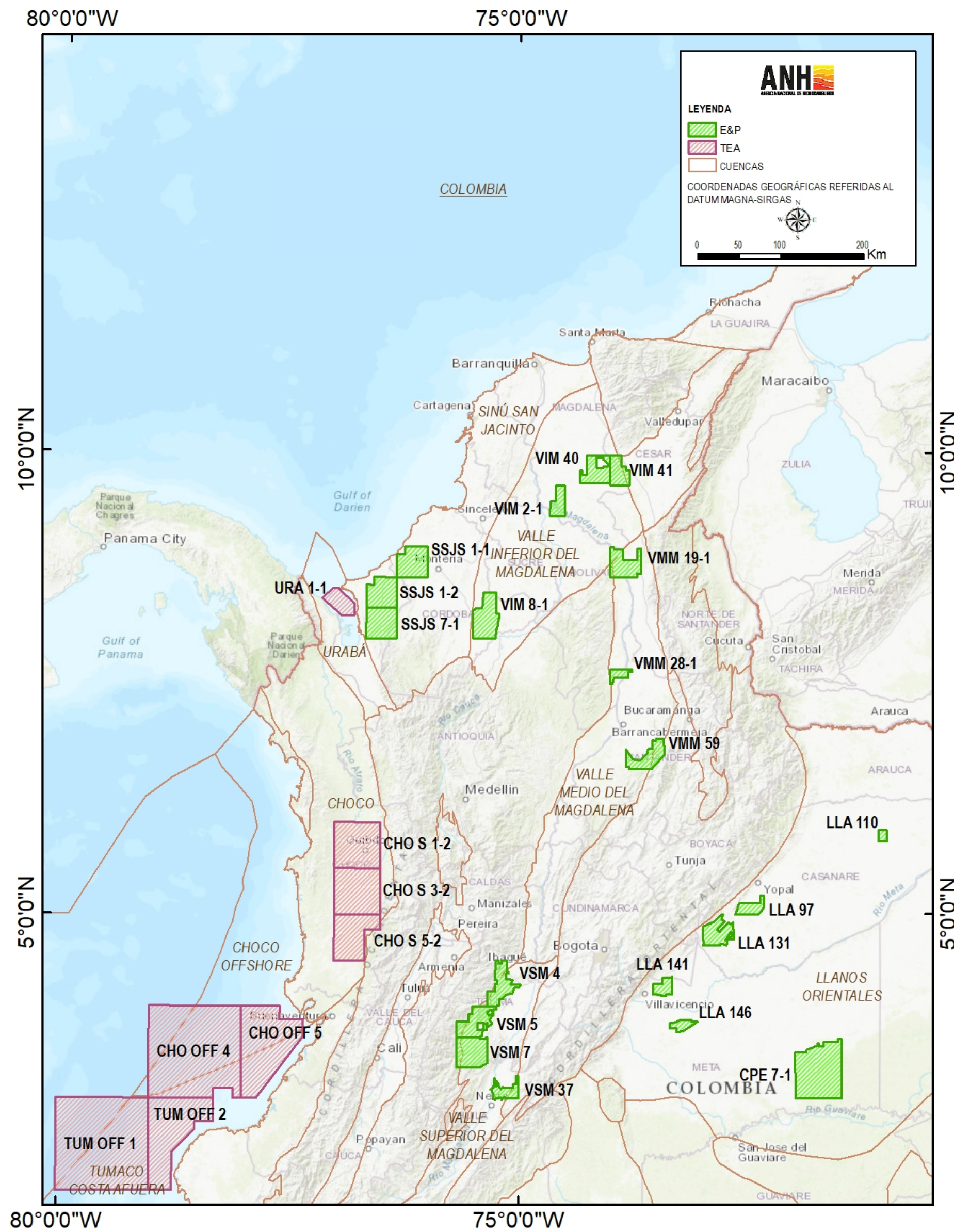
New contract model

Open and extended qualification with 2019 compliance figures

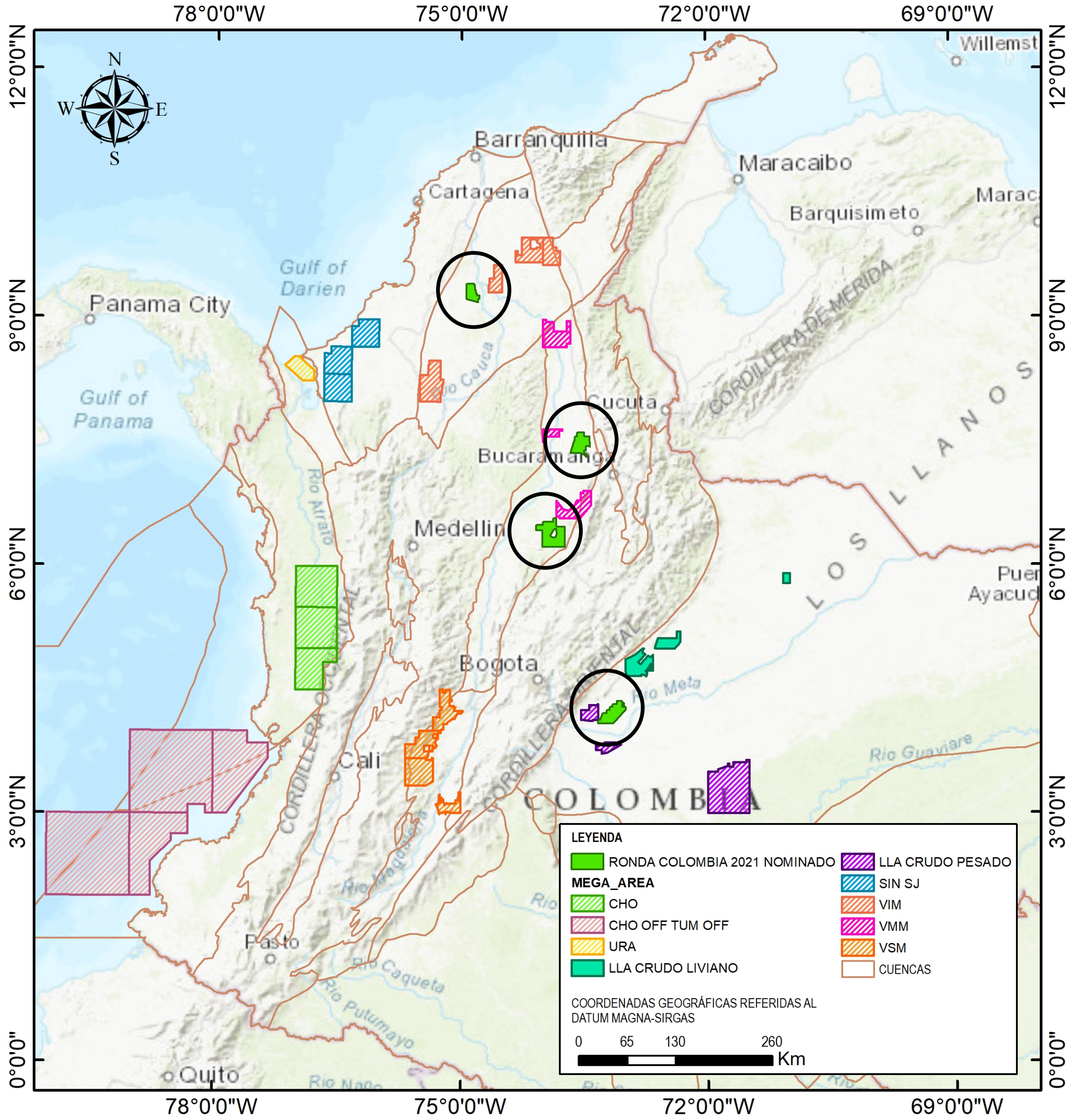
Possible transfer of investments from signed blocks



Areas offered by the ANH



Proposed areas by the ANH plus nominated areas by the industry so far



28 Proposed areas

4 Nominated areas

Total of 32 areas to date

Coordination and Concurrence Procedure

Ruling SU-095 of 2018

Advances in the C&C procedure

Entities	Require a meeting	Completed	Progress
150	137	60	43%

New Contract Minute

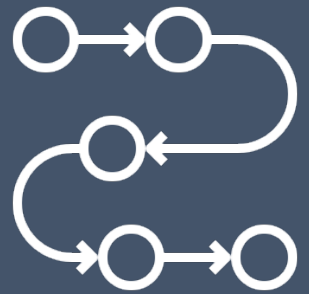
General principles



Exploration & production contract



Exploratory program of six (6) years, extendable



Incorporates Preliminary phase



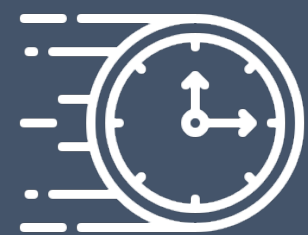
Bank guarantee for the Economic Value of Exclusivity - VEE



Free to define the exploratory program



Incentive for drilling of A3 and A2 wells



Production period of 24 years, extendable



Focus on private rights

VEE is equivalent to minimum by type of area (USD)

Type of contract	Seismic (km)	Well	Points	USD Millions
E+P		1	650 - 1100	6 - 10
TEA (Onshore)	540 - 600		540 - 600	5
TEA (Offshore)	200		800	7

Regular polygons of similar size

Onshore

Offshore

Mature

Emerging

Frontier

Qualification (option to submit 2019 figures)

Economic and financial capacity

Operational and technical capacity

Qualified 3rd cycle participants do not need to update their documents

Transfer of Exploration Activities or Investments:

It will be permitted to transfer exploration activities or investments from contracted areas to available areas, offered or incorporated in the Colombia Round 2021.
(Subject to conditions and within the framework of the agreement 01 of 2020).

Process guidelines

Auction by stages

Awarding of contracts

Technical Evaluation Agreements (TEA)

Exploration and production contracts (E&P)

For both onshore and offshore

Offering of areas by

By incorporation

By the ANH

Coordination and Concurrence Procedure

On a permanent basis

Qualification of companies and incorporation of Areas

Prior qualification is required for

Application for the
incorporation of Areas

Area bids and
proposals

Counteroffers

Blockchain option to submit bids

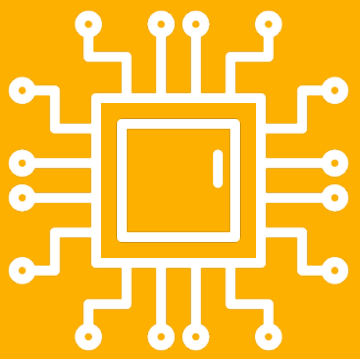
Main Characteristics



Safe



Transparent



Distributed



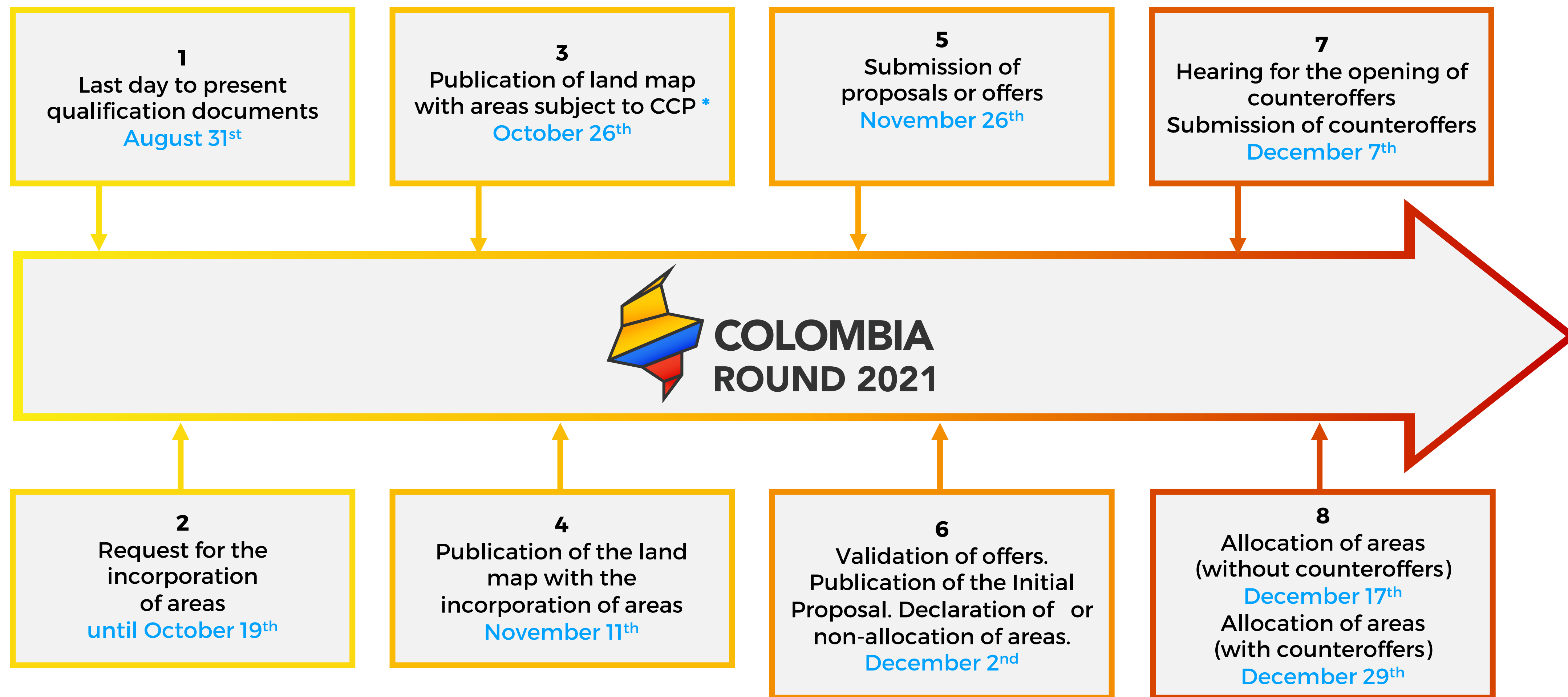
Unchangeable



Shared

The National Hydrocarbons Agency will implement Blockchain technology to guarantee a transparent and secure process that can be used in the different stages of the Round

Calendar scheme



*PCC: Coordination and Concurrence Procedure (Nation - Territories)



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Requirements for qualification

Qualification and area requests is on a permanent basis

Capacity	Investor	Operator (30%)
Legal	Required	Required
Economic and financial	Required	Required
Technical and operational		Required
Environmental		Required
Corporate Social Responsibility		Required



Qualification is done with the parent company or controlling company (not local branches)



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El futuro
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Three stages or opportunities to compete for an area



*Exclusive to the initial proponent

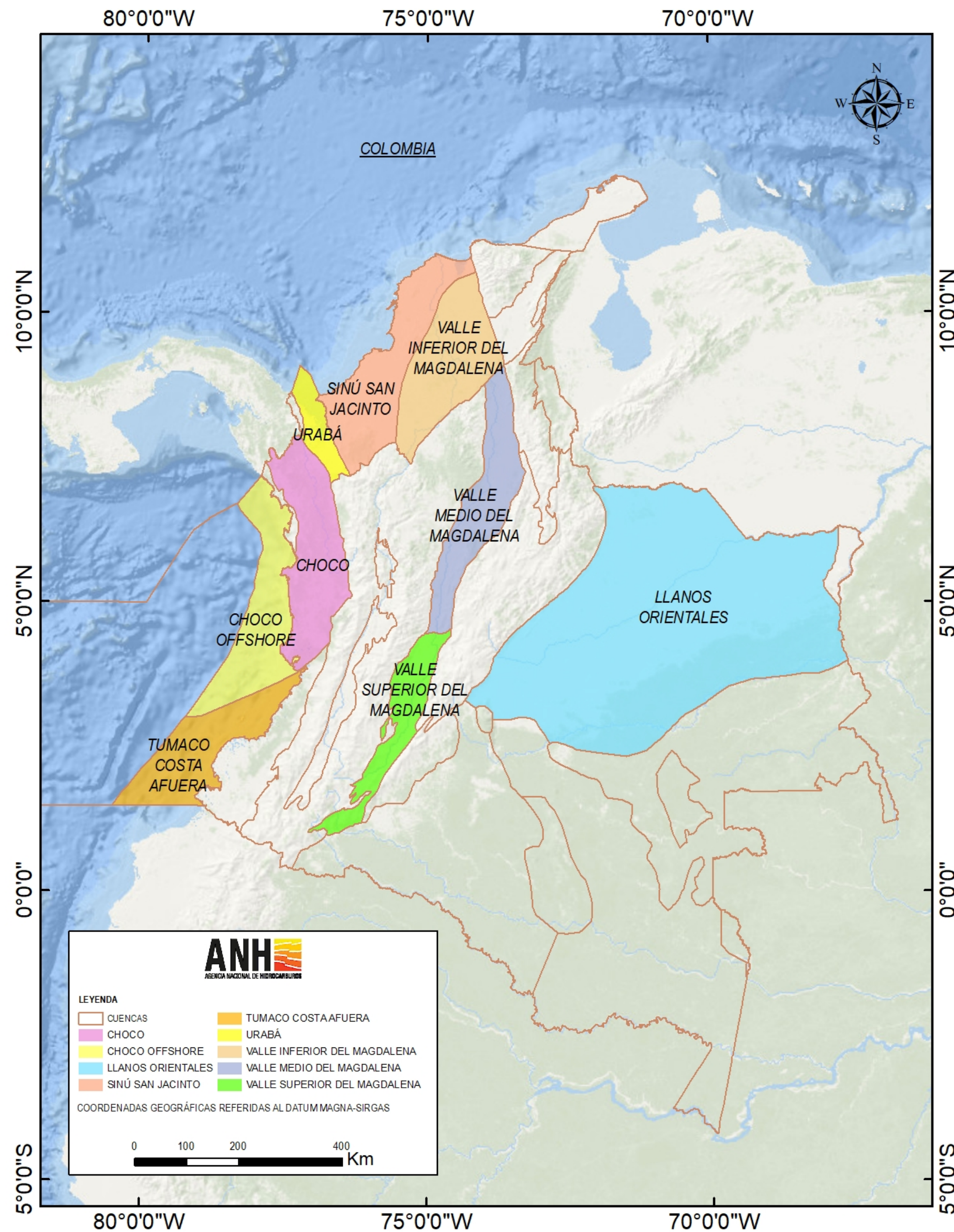


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Areas in 9 basins



9 Basins

4 Frontier

- Urabá
- Chocó Onshore
- Chocó Offshore
- Tumaco Offshore

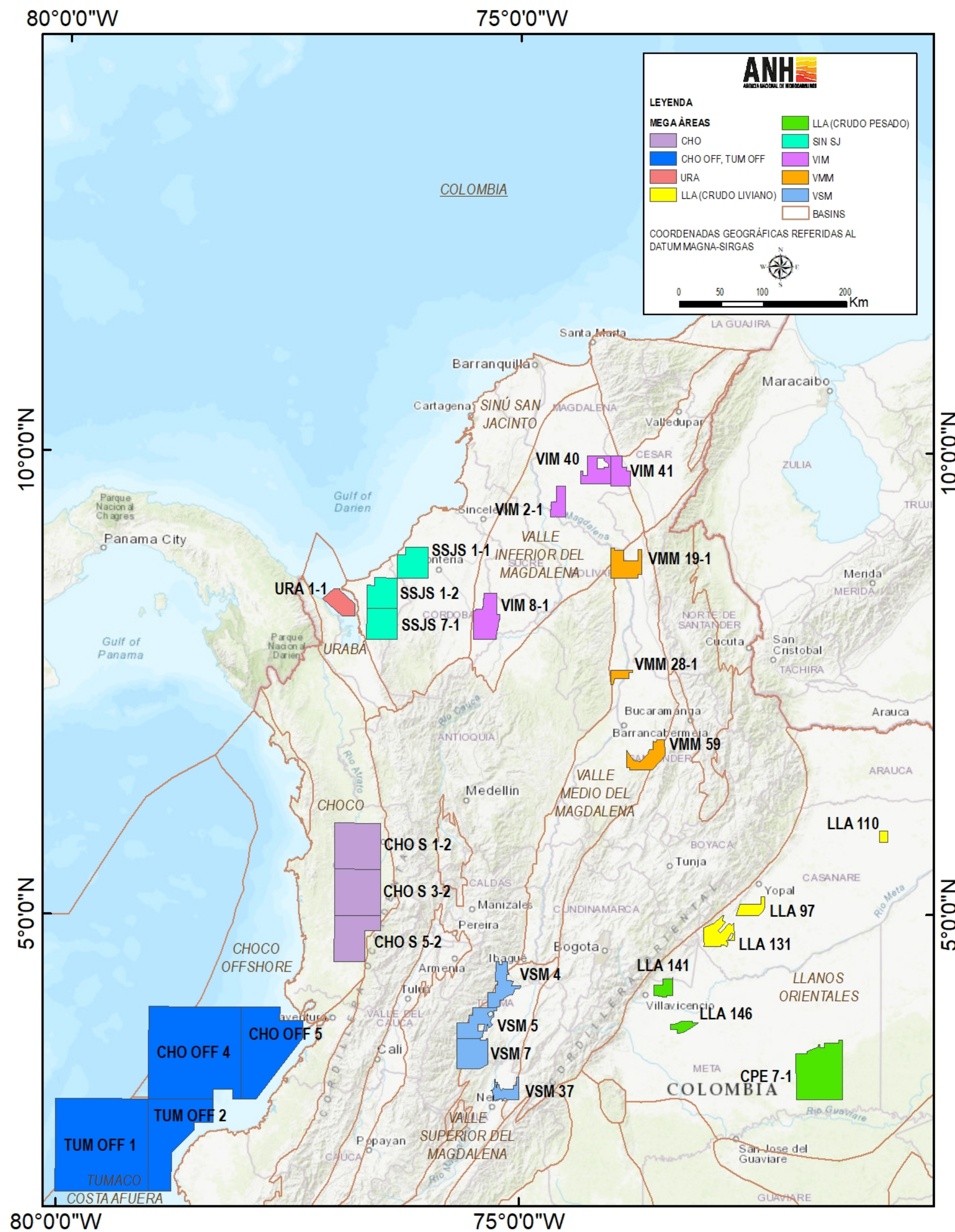
2 Emerging

- Sinú - San Jacinto
- Lower Magdalena Valley

3 Mature

- Middle Magdalena Valley
- Upper Magdalena Valley
- Eastern Llanos

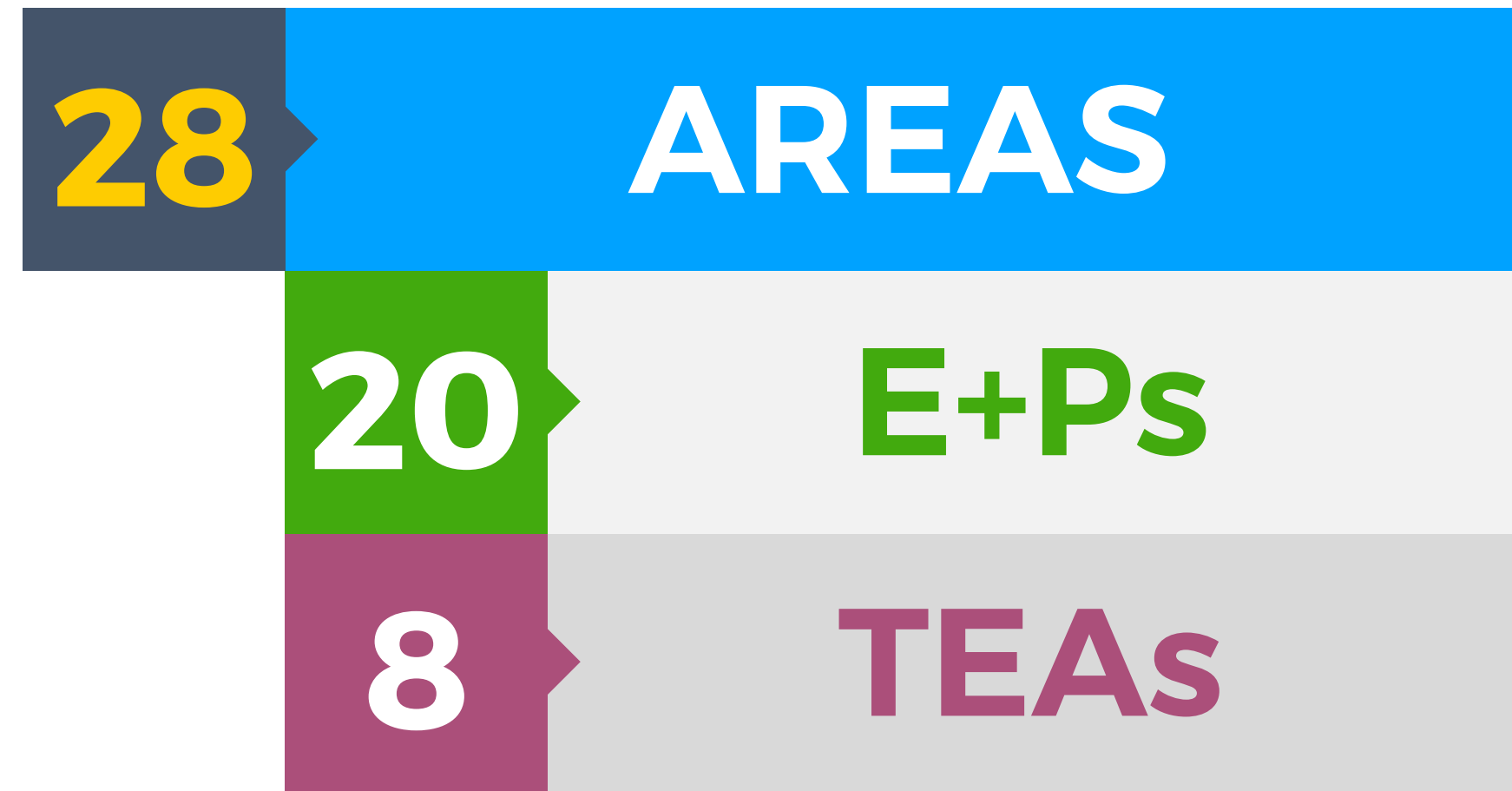
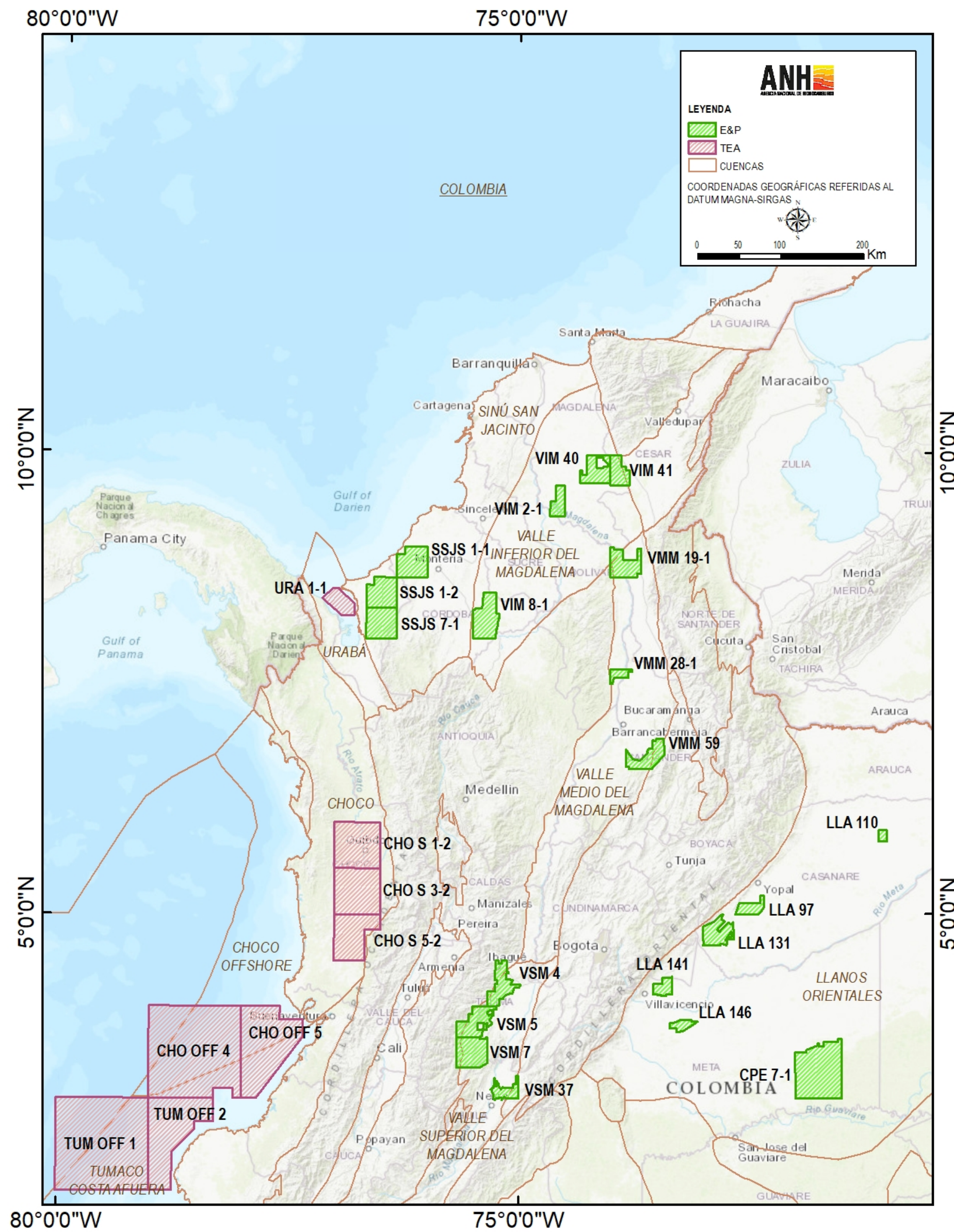
ANH areas by basin



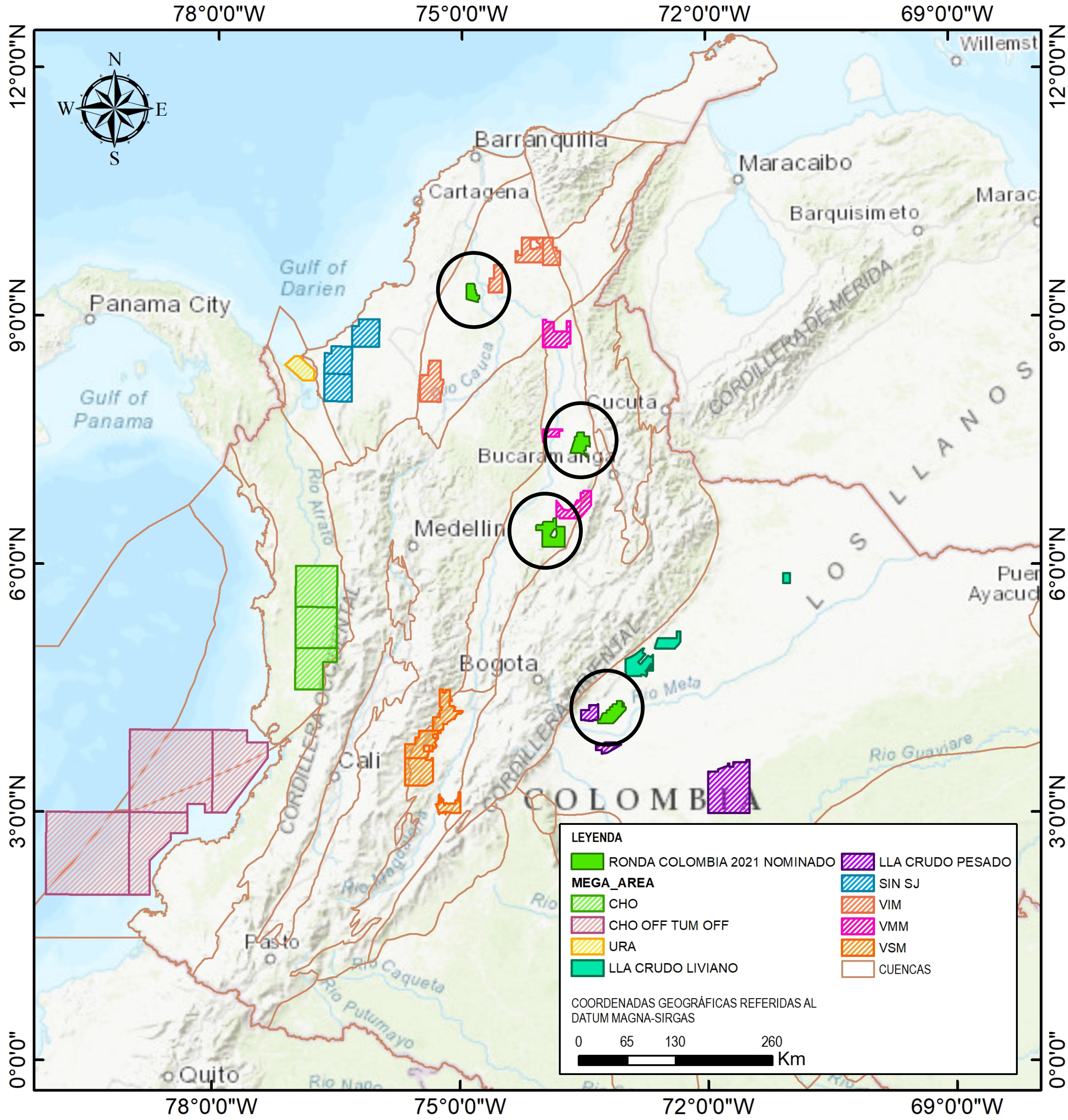
9
Basins

- 3 Chocó Onshore
- 4 Chocó - Tumaco Offshore
- 1 Urabá
- 3 Llanos Light oil
- 3 Llanos Heavy oil
- 3 Sinú - San Jacinto
- 4 Lower Magdalena Valley
- 3 Middle Magdalena Valley
- 4 Upper Magdalena Valley

Areas offered by the ANH



Proposed areas by the ANH plus nominated areas by the industry so far



28 Proposed areas

4 Nominated areas

Total of 32 areas to date

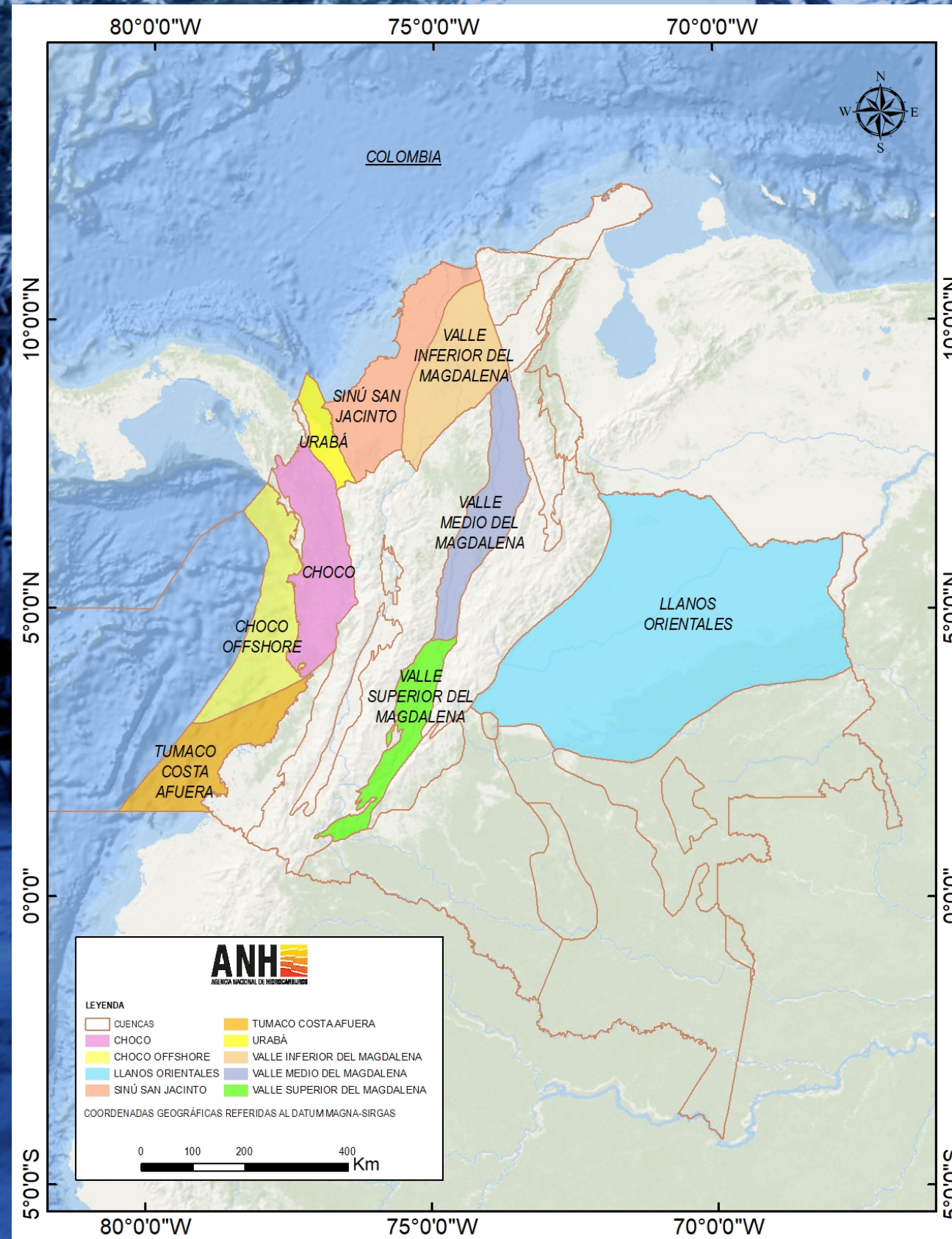
Oil and gas resources

Basin	Recoverable resources Oil - MMBO	Recoverable resources Gas - BCF
Sinú	320	-
Chocó	365	-
VIM	-	160 - 520
VMM	107	50
VSM	150	-
Llanos (97, 110, 131, 141)	56	-
Llanos (146, CPE 7-1)	28	-
Pacific Offshore	100	700
Urabá	-	2,5
Total	1125	1260

VEE is equivalent to minimum by type of area (USD)

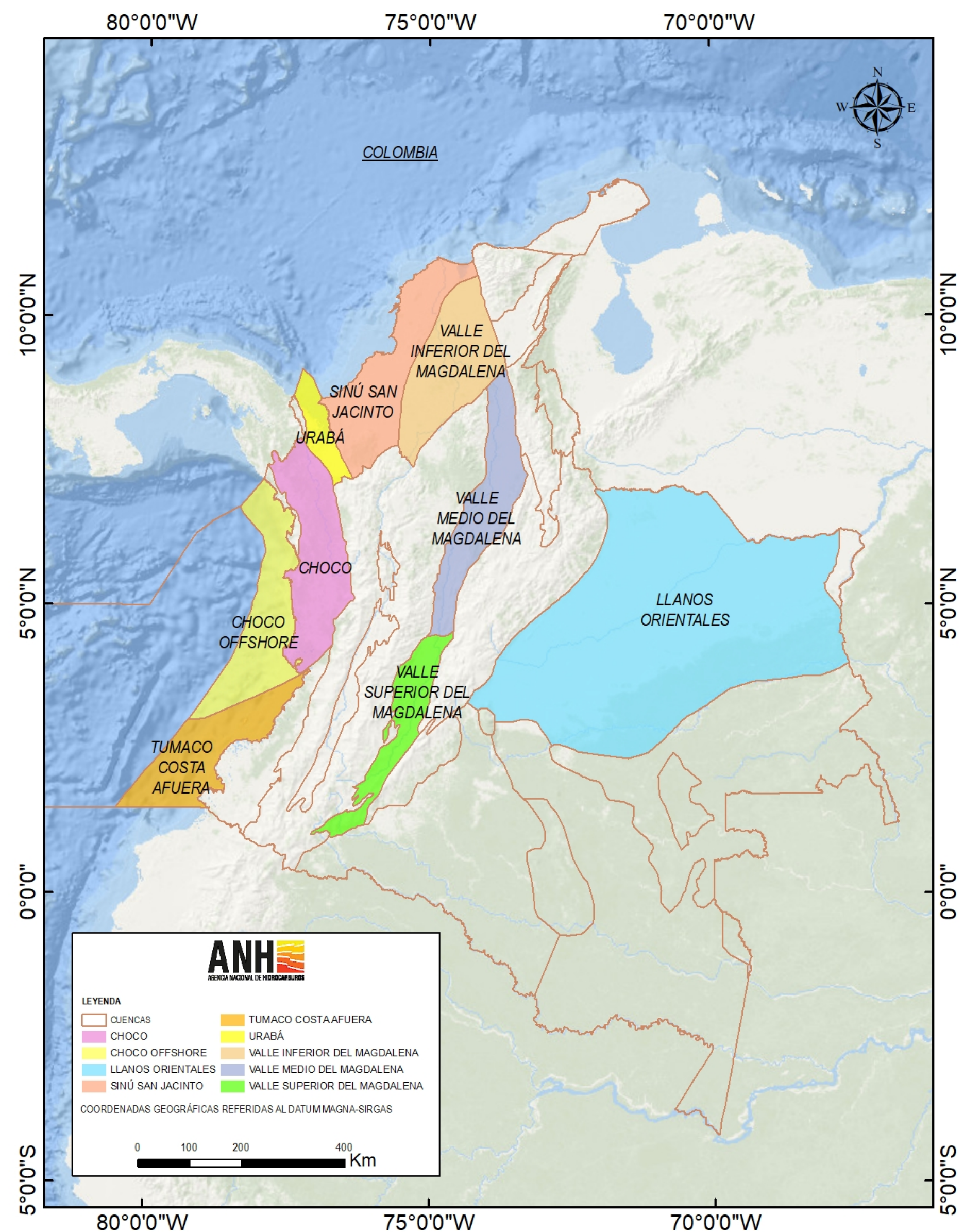
Type of contract	Seismic (km)	Well	Points	USD Millions
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TEA (Onshore)	540 - 600		540 - 600	5
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Information for the industry



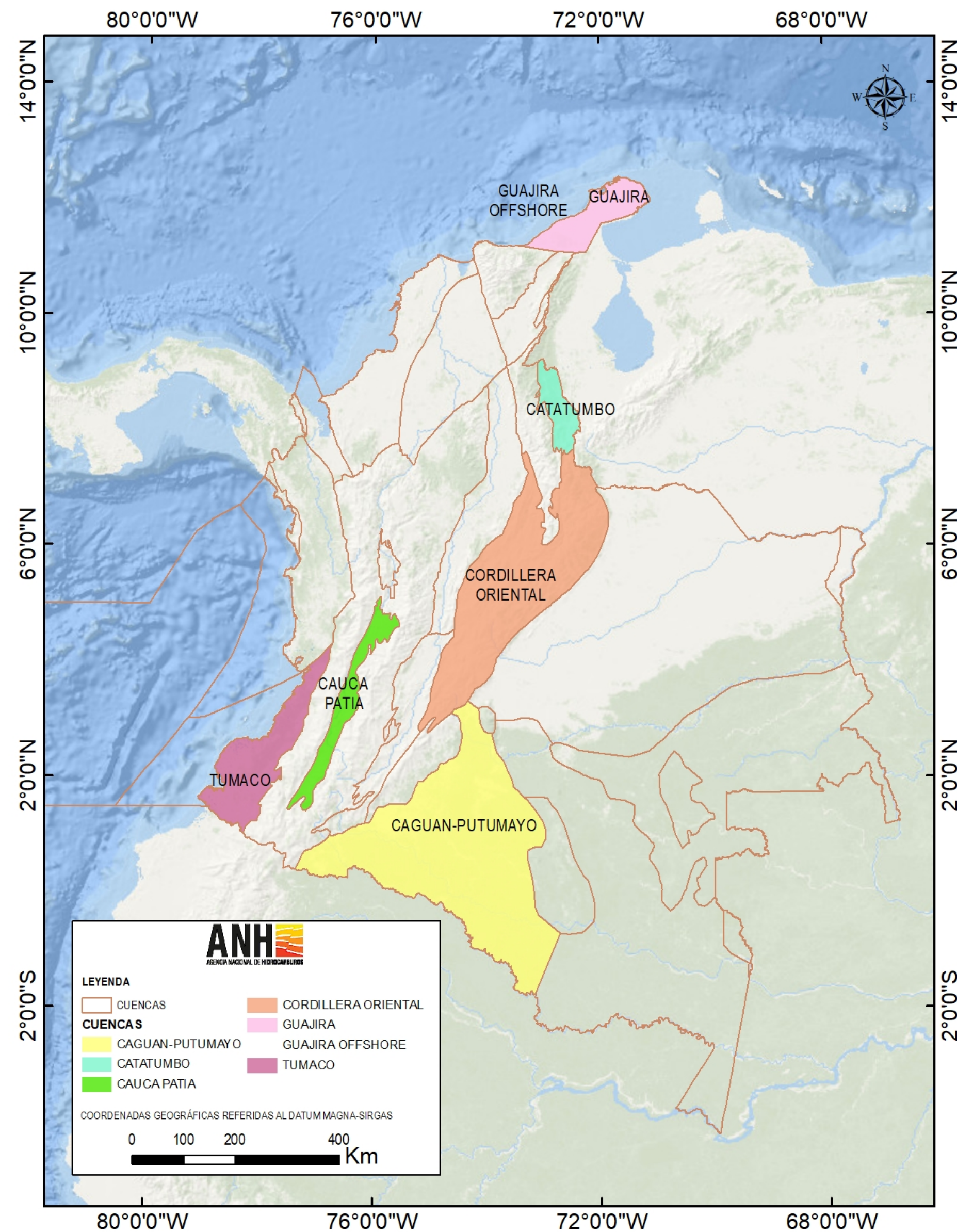
- ▶ Geological booklets by basin
- ▶ Previous evaluations by the ANH
- ▶ Data Rooms
- ▶ Technical Sheets
- ▶ Seismic Lines
- ▶ Wells
- ▶ Petrel Products

Technical WORKSHOPS zoom



First Cycle of Technical Workshops Fridays 8 a.m. to 10 a.m.

Colombia Offshore	April 9
Urabá Offshore	April 16
Sinú - San Jacinto	April 23
Chocó	April 30
Lower Magdalena Valley	May 7
Middle Magdalena Valley	May 14
Upper Magdalena Valley	May 21
Llanos	May 28
Pacific Offshore	April 9



Second Cycle of Technical Workshops Fridays 8 a.m. to 10 a.m.

Caribe Pacific DIMAR	June 18
Cauca - Patia	June 25
Eastern Cordillera	July 2
Catatumbo	July 9
Guajira onshore and Guajira offshore	July 16
Caguán Putumayo	July 23
Cesar Ranchería	July 30
Conventional and Unconventional Yet to Find	August 6

THANKS

THANKS



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