

Ministry of
Infrastructure

Partnership Projects



July 10, 2020

PARTNERSHIP PROJECTS INVESTMENTS

\$ Total Projects Portfolio 2019 - 2022
R\$ R\$ 233,50 bi

2019 Achievements*

R\$ 16,75 bi



R\$ 3,52 bi



R\$ 1,11 bi



R\$ 9,40 bi



R\$ 2,72 bi

2020-2022 Planned

R\$ 216,75 bi



R\$ 12,00 bi



R\$ 6,71 bi



R\$ 146,75 bi



R\$ 51,29 bi

*Auctions held + Signed contracts

Partnership Projects



Airports



Ports



Highways



Railways



Airports

Partnership Projects

Airports - Project Portfolio

Projects: By the Numbers

Investments

R\$ 12,01 Bi :

- R\$ 6,72 billion – 6th Round
- R\$ 5,29 billion – 7th Round

Airports

47 airports:

- 22 airports – 6th Round
- 19 airports – 7th Round
- Disposals of Infraero (4)
- Viracopos and São Gonçalo do Amarante (2)

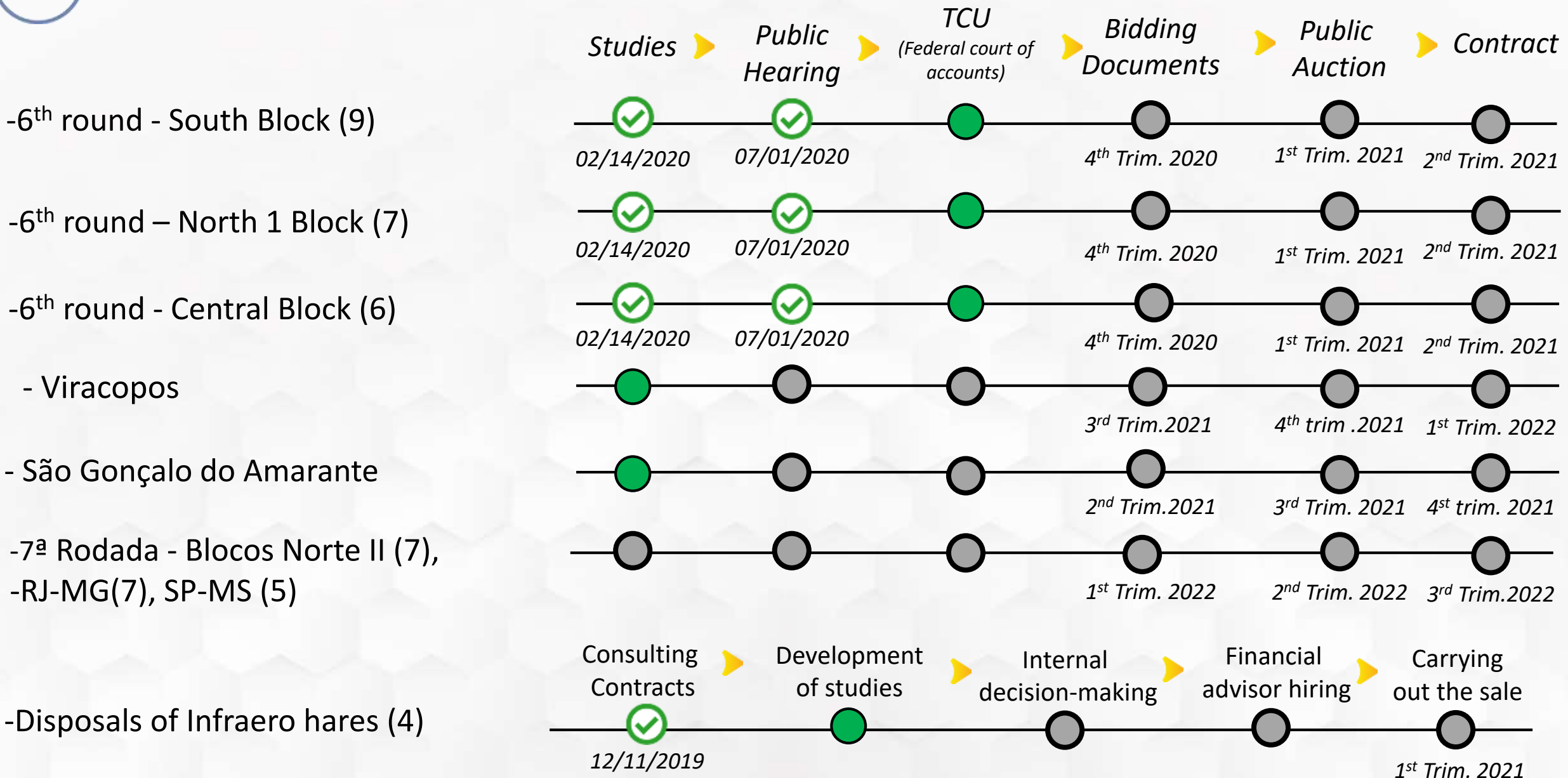
Projetos

- ✈ 6th Round
- ✈ 7th Round
- ✈ Infraero
- ✈ Qualified
- Granted
- Qualified





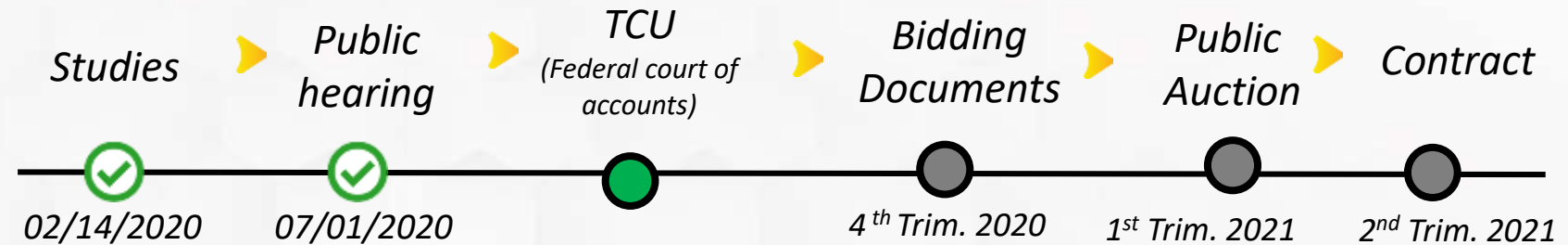
Airports – Project Portfolio



Completed
 In progress
 To be performed

Airport – 6th round - South Block

Airports of Curitiba/PR, Foz do Iguaçu/PR, Londrina/PR, Bacacheri em Curitiba/PR, Navegantes/SC, Joinville/SC, Pelotas/RS, Uruguaiana/RS e Bagé/RS.



- Projects: **brownfield**
- **Movement:** 12,2 million passengers
- **Deadline of the contract:** 30 years
- **Planned grant:** R\$ 516 million
- **CAPEX:** R\$ 2,90 bilhões
- **OPEX:** R\$ 9,1 bilhões
- **TIR:** 7,23%
- **Jobs created throughout the concession contract:** estimated 58.306 (direct, indirect and income effect)

Relevance: Economic vocations focused on tourism events, business tourism and cargo transportation for export and import. The region is home to important industrial hubs in the health and technology sectors. The two largest dry ports in Latin America are in the municipalities of Foz do Iguaçu and Uruguaiana.

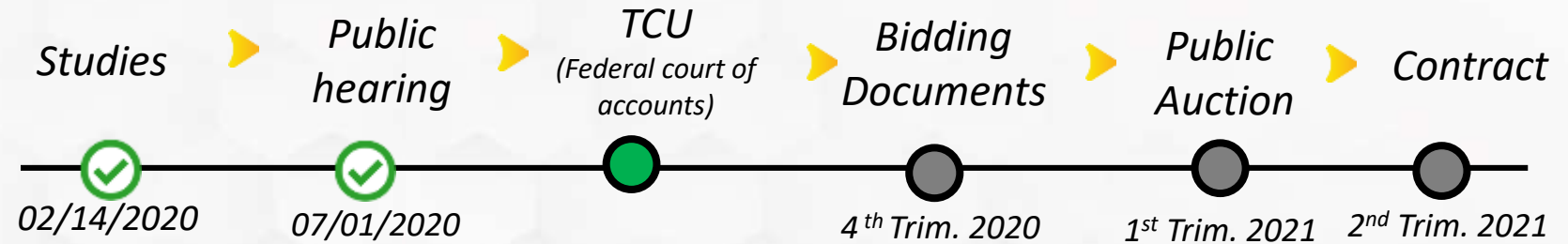
PPI Qualification: Resolution No. 52, of May 8, 2019

Public hearing:

<https://www.anac.gov.br/participacao-social/consultas-publicas/consultas/2020/03/cp-03-2020-aviso.pdf>

Airport – 6th round - North 1 Block

Airports of **Manaus/AM**, Tabatinga/AM, Tefé/AM, Porto Velho/RO, Rio Branco/AC, Cruzeiro do Sul/AC e Boa Vista/RR.



- Projects: **brownfield**
- **Deadline of the contract**: 30 years
- **CAPEX**: R\$ 1,68 bilhões
- **Jobs created throughout the concession contract**: estimated 33.778 (direct, indirect and income effect)
- **Movement**: 4,6 million passengers
- **Planned grant**: R\$ 44 million
- **OPEX**: R\$ 6,1 bilhões
- **TIR**: 9,36%

Relevance: Economic vocations for the transport of cargo for export, tourism, business tourism, air taxi and as a base of support to neighboring municipalities, regional and national integration.

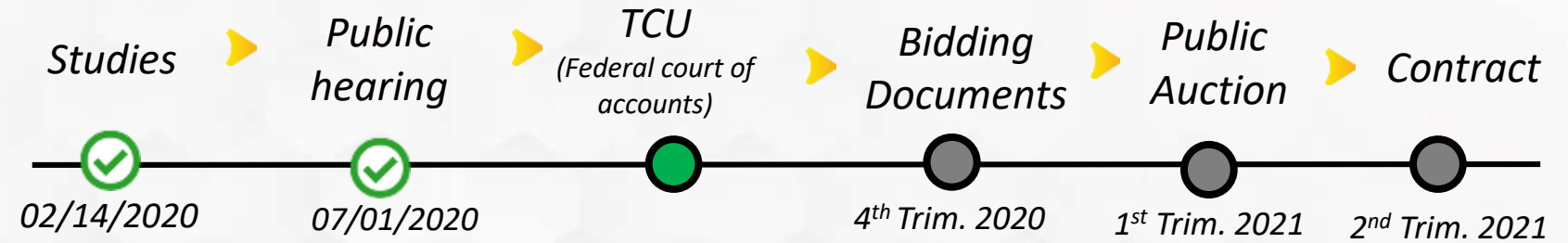
PPI Qualification: Resolution No. 52, of May 8, 2019

Public hearing:

<https://www.anac.gov.br/participacao-social/consultas-publicas/consultas/2020/03/cp-03-2020-aviso.pdf>

Airport – 6th round - Central Block

Airports of **Goiânia /GO**,
Palmas/TO, São Luís/MA,
Imperatriz/MA, Teresina/PI e
Petrolina/PE.



- Projects: **brownfield**
- **Deadline of the contract:** 30 years
- **CAPEX:** R\$ 2,14 bilhões
- **Jobs created throughout the concession contract:** estimated 43.026 (direct, indirect and income effect)
- **Movement:** 7,4 million passengers
- **Planned grant:** R\$ 50 million
- **OPEX:** R\$ 6,3 bilhões • **TIR:** 8,30%

Relevance: Areas with significant agricultural and agribusiness activities. They also have an economic vocation for event tourism, business tourism and regional integration. The international airports of Goiânia, Palmas, São Luís, Teresina and Petrolina are in regions also integrated by road and railway infrastructure, with high potential to interconnect the various regions of the country.

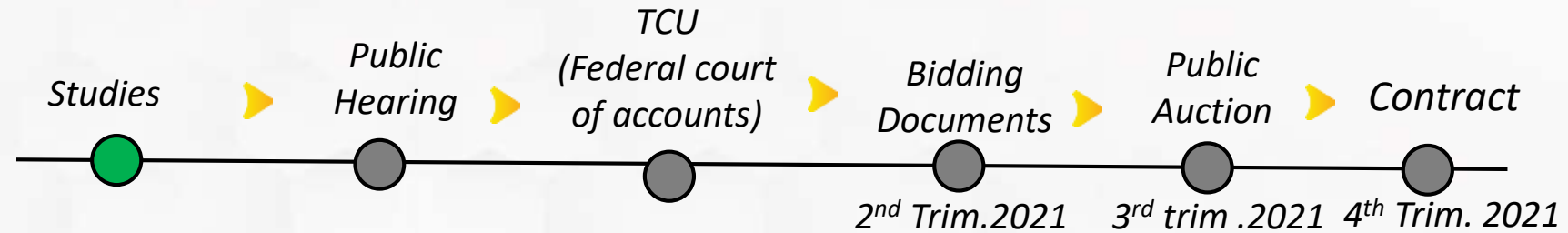
PPI Qualification: Resolution No. 52, of May 8, 2019

Public hearing:

<https://www.anac.gov.br/participacao-social/consultas-publicas/consultas/2020/03/cp-03-2020-aviso.pdf>

Airport – Viracopos

Viracopos/SP



Passenger handling 10,6 milhões PA(2019)

Movement: VDMA_t: 7 mil (ano 2)

CAPEX: in studies

OPEX: in studies

Deadline of the contract: to be defined

TIR: To be defined

Auction Criteria: greatest grant

Estimated grant: To be defined

Relevance: Auctioned in 2012, Viracopos International Airport (SBKP) is the second most important in Brazil's cargo sector (in volume). The Viracopos Airport is essential to the country's economic dynamics, as an inducer of development in Campinas (SP) and region, due to the logistical support related to industrial operations that the airport offers as a part of the competition strategies of large companies installed in Brazil, especially to those that operate in international trade.

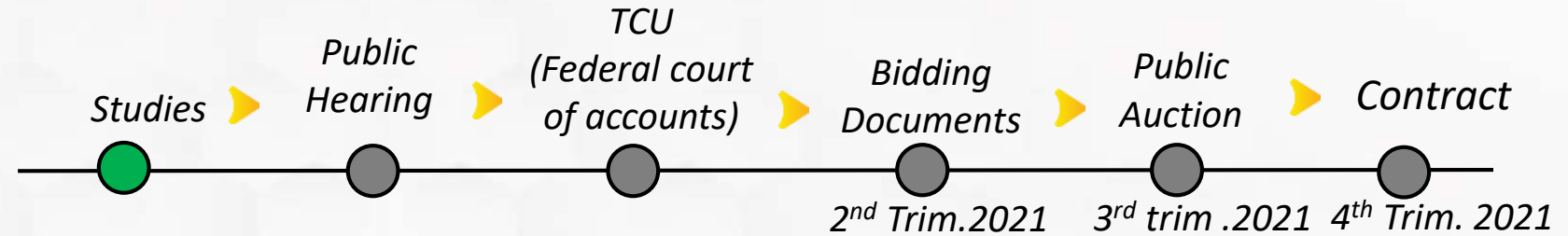
Qualification PPI: Resolution PPI no. 123 on 10/06/2020

PMI: Call for studies no. 01/2020



Airport – São Gonçalo do Amarante - ASGA

Natal/RN



Passenger handling 10,6 milhões PA(2019)

Movement: VDMA_t: 7 mil (ano 2)

CAPEX: in studies

OPEX: in studies

Deadline of the contract: to be defined

TIR: To be defined

Auction Criteria: greatest grant

Estimated grant: To be defined

Relevance: Auctioned in 2011, São Gonçalo do Amarante Airport is the largest cargo exporter in Brazil's northeast region and was considered the country's second best in the category that receives up to 5 million passengers in the satisfaction survey promoted by Brazil's National Civil Aviation Secretary.

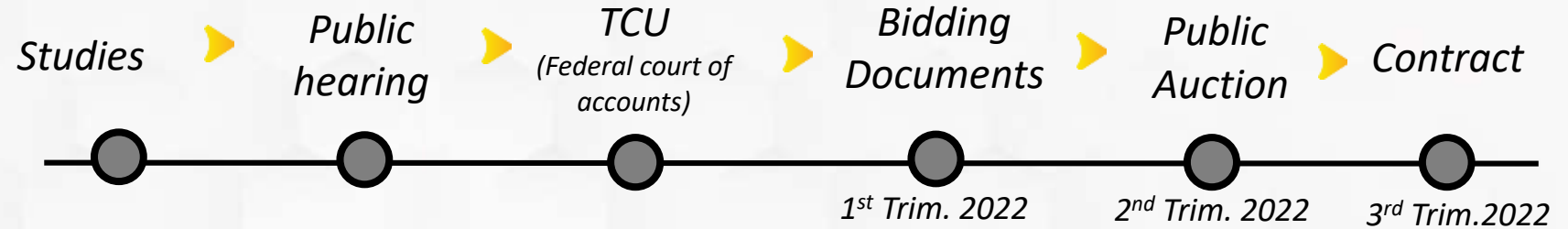
Qualification PPI: Resolution PPI nº 122, on 10/06/2020

Public Notice: [Public notice of Public Call for Studies published nº 03/2020 - Official Press \(DOU\) on 08/06/2020](#)



Airport – 7th round – North 2 Block

Airports of **Belém/PA**, Belém – Júlio César/PA, Santarém/PA, Marabá/PA, Carajás/PA, Altamira/PA, Macapá/AP.

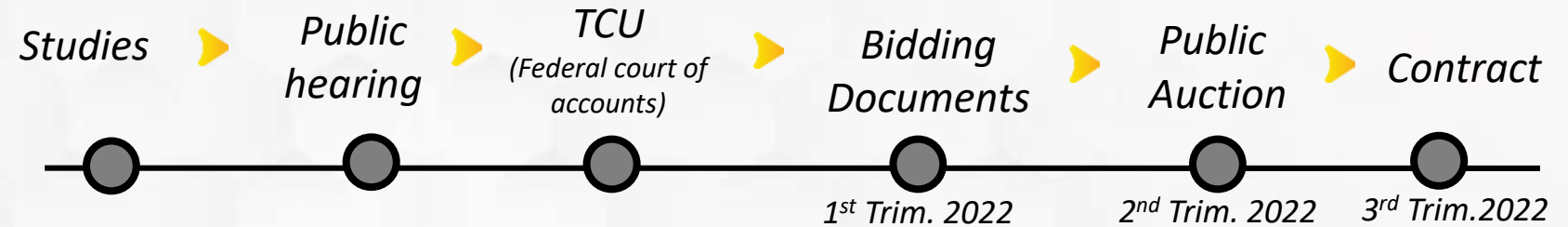


- Brownfield projects
- Block Grant: **Belém/PA**, Belém – Júlio César/PA, Santarém/PA, Marabá/PA, Carajás/PA, Altamira/PA, Macapá/AP.
- Turnover: 4.6 million passengers
- Expected Investment: R\$ 1,18 billion
- Jobs created throughout the concession contract: estimated 23.724 (direct, indirect and income effect)
- Estimated grant: In studies
- Contract term: In studies



Airport – 7th round – RJ-MG Block

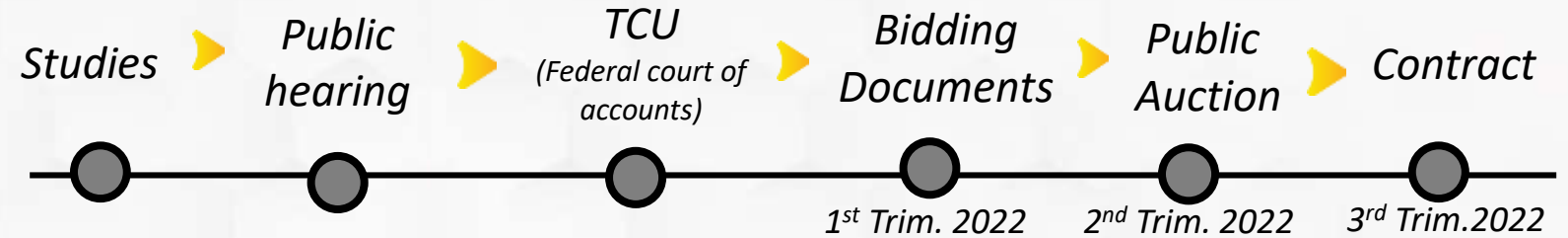
Airports of **Santos Dumont/RJ**,
Jacarepaguá/RJ, Uberlândia/MG,
Montes Claros/MG,
Pampulha/MG, Carlos
Prates/MG, Uberaba/MG



- Brownfield projects
- Block Grant: **Santos Dumont/RJ**, Jacarepaguá/RJ, Uberlândia/MG, Montes Claros/MG, Pampulha/MG, Carlos Prates/MG, Uberaba/MG
- Turnover: 11.17 million passengers
- Expected Investment: R\$ 1,7 million
- Jobs created throughout the concession contract: estimated 34.158 (direct, indirect and income effect)
- Estimated grant: In studies
- Contract term: In studies

Airport – 7th round – SP-MS Block

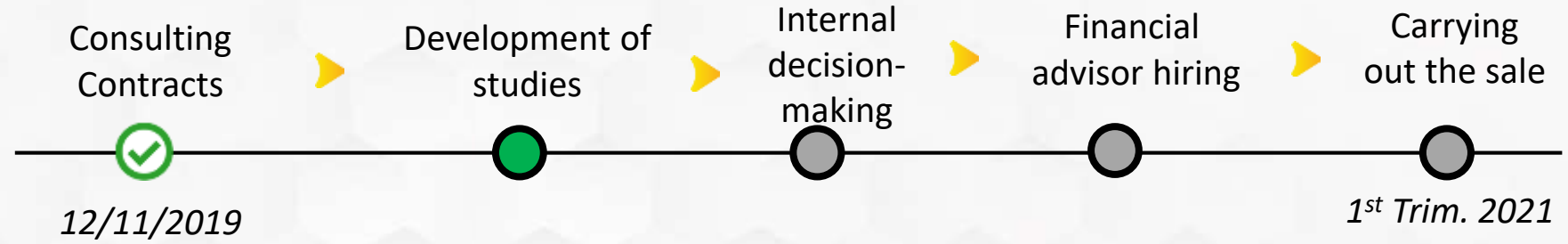
Airports of **Congonhas/SP**,
Campo de Marte/SP, Campo
Grande/MS, Corumbá/MS, Ponta
Porã/MS



- Brownfield projects
- Block Grant: **Congonhas/SP**, Campo de Marte/SP, Campo Grande/MS, Corumbá/MS, Ponta Porã/MS
- Turnover: 23.55 million passengers
- Expected Investment: R\$ 2.41 million
- Jobs created throughout the concession contract: estimated 48.414 (direct, indirect and income effect)
- Estimated grant: In studies
- Contract term: In studies

Disposal of Infraero Shares: Guarulhos/SP, Brasília/DF, Galeão/RJ and Confins/MG

Guarulhos/SP, Brasília/DF,
Galeão/RJ e Confins/MG



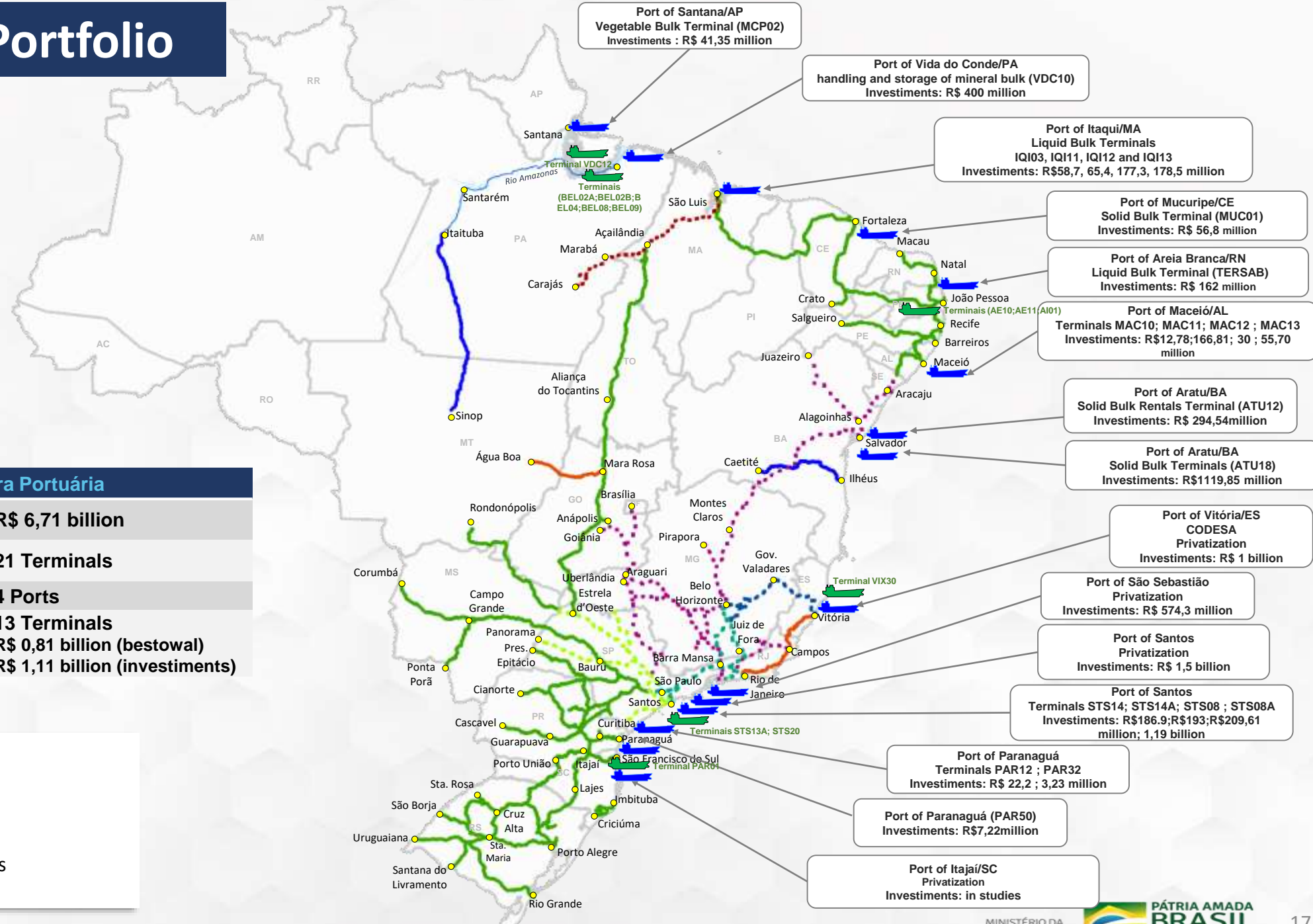
- It is proposed that the sale of Infraero's shareholdings in the concessionaires of the Guarulhos/SP, Brasília/DF, Galeão/RJ and Confins/MG airports be carried out by Infraero itself, together with the other relevant bodies of the Secretariat of National Civil Aviation.
- There was an adjustment in art. 9 and 10 of Resolution PPI nº 14/2017, in order to indicate Infraero as entity responsible for conducting the sale process.
- Infraero notice published for hiring of a specialized company to carry out the studies (finished): http://licitacao.infraero.gov.br/portal_licitacao/servlet/DetalheLicitacao?idLicitacao=153804



Ports

Partnership Projects






Ports – Project Portfolio



Números da Carteira Portuária

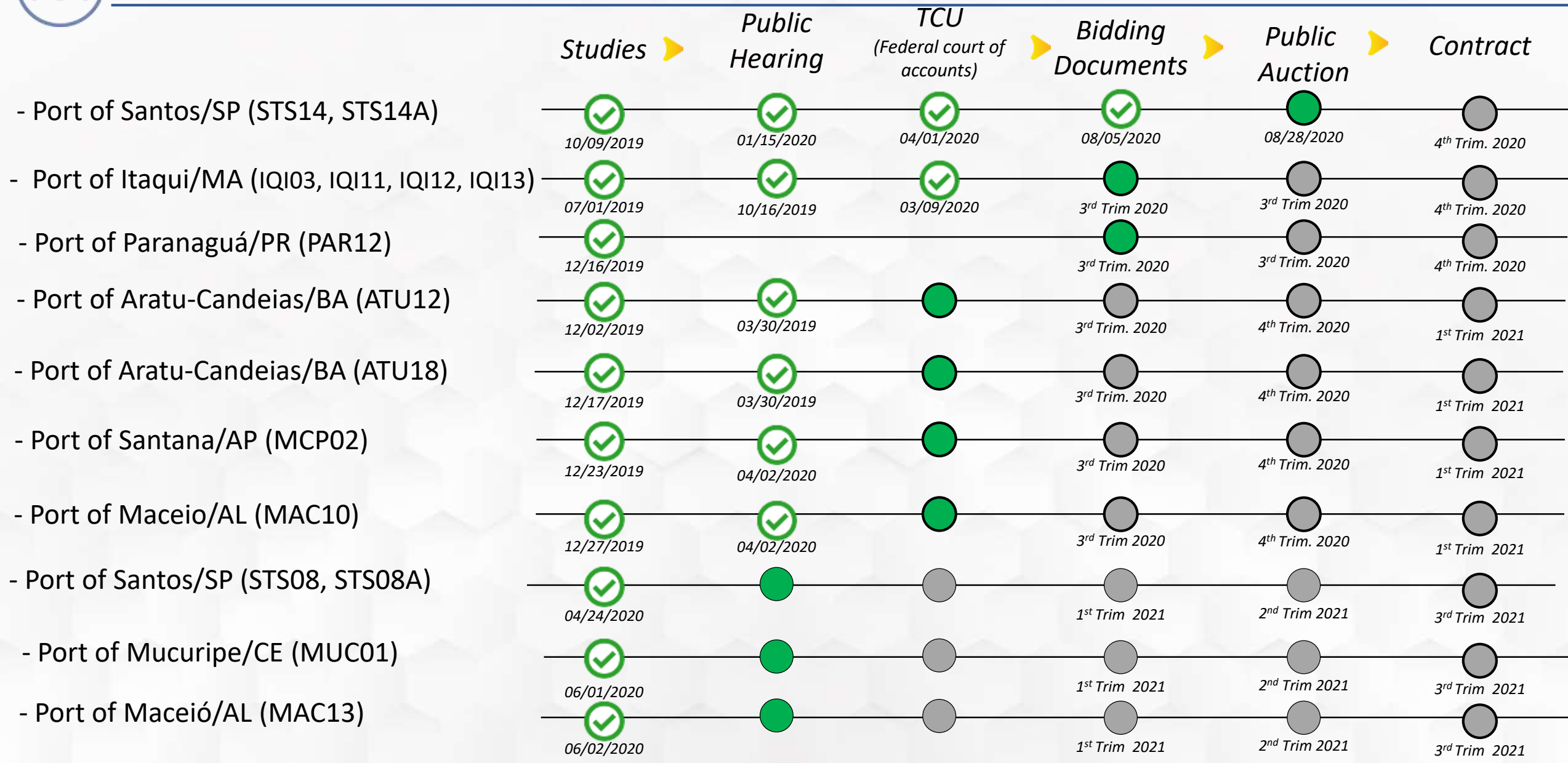
Investments	R\$ 6,71 billion
Ports leasing terminals	21 Terminals
Port concession terminal	4 Ports
Auctions Held	13 Terminals
	R\$ 0,81 billion (bestowal)
	R\$ 1,11 billion (investments)

Projetos

-  Actioned
-  Qualified
-  Railways granted
-  Qualified Railways
-  Railroads cross Investments



Ports – Project Portfolio



Completed
 In progress
 To be performed



Ports – Project Portfolio

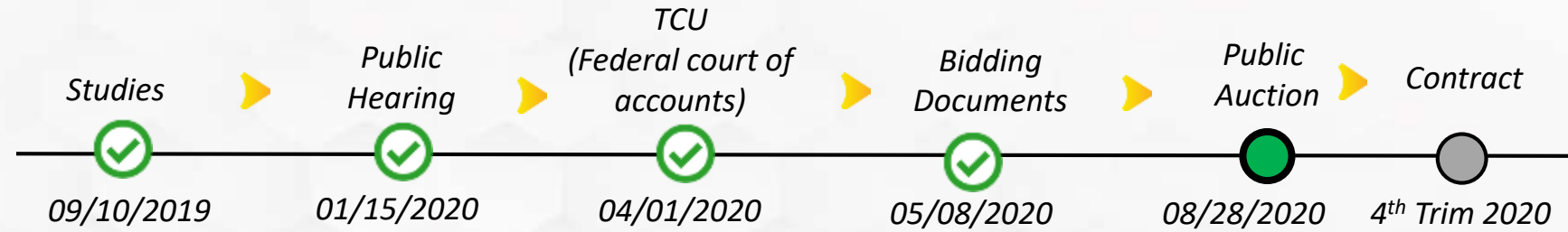
Studies ▶ Public Hearing ▶ TCU (Federal court of accounts) ▶ Bidding Documents ▶ Public Auction ▶ Contract



Completed
 In progress
 To be performed

PORTS – Lease on Libra Terminal on port of Santos/SP

STS14



Greenfield Project

Terminal Area : 44.450 m²

Vocation: General Cargo (cellulose)

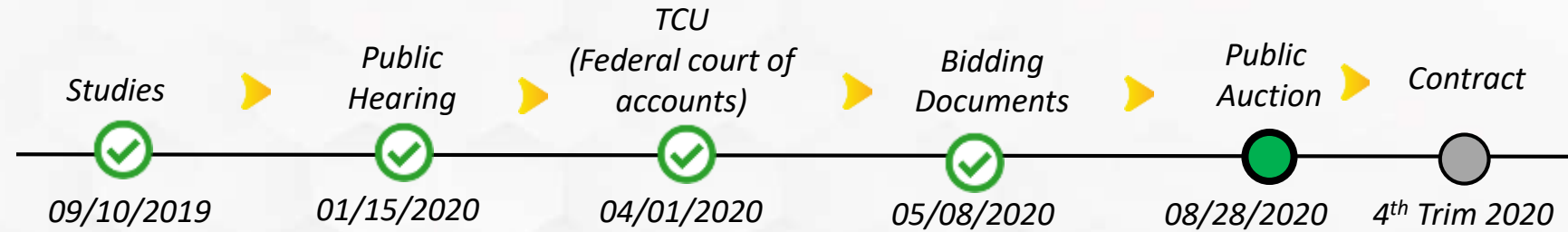
Static capacity: 121.000t

- **Importance:** Brazil is one of the largest cellulose producers in the world, and this is the product with the highest annual growth rate in the port of Santos: according to the Master Plan estimates, the transportation of this cargo should jump from 1.29 million to 6.02 million in 2030. The Port's current capacity is not able to meet this demand projection, and it must be increased.
- **Expected Investment:** R\$186,9 millions
- **Monthly rental amount:** R\$ 199,51
- **Variable rental Value:** R\$ 1,72/t
- **Jobs created throughout the lease contract:** estimated 3.740 (direct, indirect and income effect)
- **Lease term:** 25 years
- **Auction criterion:** Highest grant
- **IRR:** 9.38%.
- **PPI Qualification:** Resolution N^o 69, of august 21, 2019.

Notice published: <http://web.antaq.gov.br/sistemas/leilaointernetv2/PaginaPrincipal.aspx>

PORTS – Lease on Libra Terminal on port of Santos/SP

STS14A



Greenfield Project

Vocation: General Cargo (cellulose)

Terminal Area : 38.514 m²

Static capacity: 121.000t

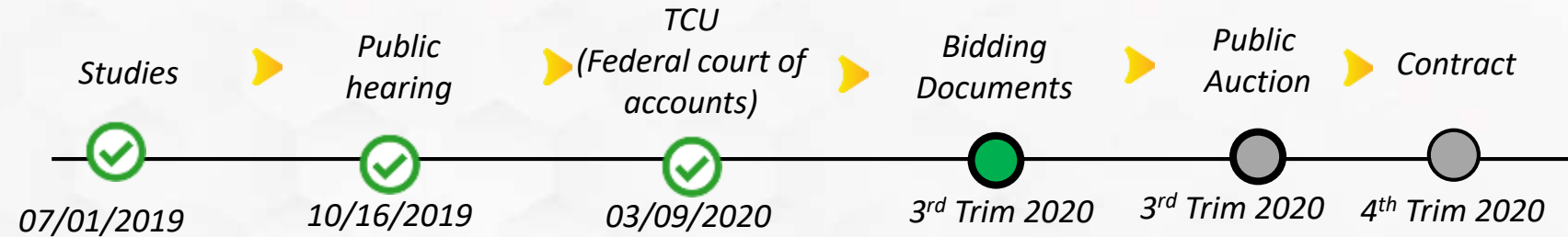
- **Importance:** Brazil is one of the largest cellulose producers in the world, and this is the product with the highest annual growth rate in the port of Santos: according to the Master Plan estimates, the transportation of this cargo should jump from 1.29 million to 6.02 million in 2030. The Port's current capacity is not able to meet this demand projection, and it must be increased.
- **Expected Investment:** R\$ 193 millions
- **Monthly rental amount:** R\$ 170,24
- **Variable rental Value:** R\$ 1,46/t
- **Jobs created throughout the lease contract:** estimated 3.881 (direct, indirect and income effect)
- **Lease term:** 25 years
- **IRR:** 9.38%.
- **Auction criterion:** Highest grant
- **PPI Qualification:** Resolution N^o 69, of august 21, 2019.

Notice published: <http://web.antaq.gov.br/sistemas/leilaointernetv2/PaginaPrincipal.aspx>



PORTS – Lease on Liquid Bulk Terminal on port of Itaqui/MA

IQI03



Brownfield Project

Vocation: Charge - Liquid bulk

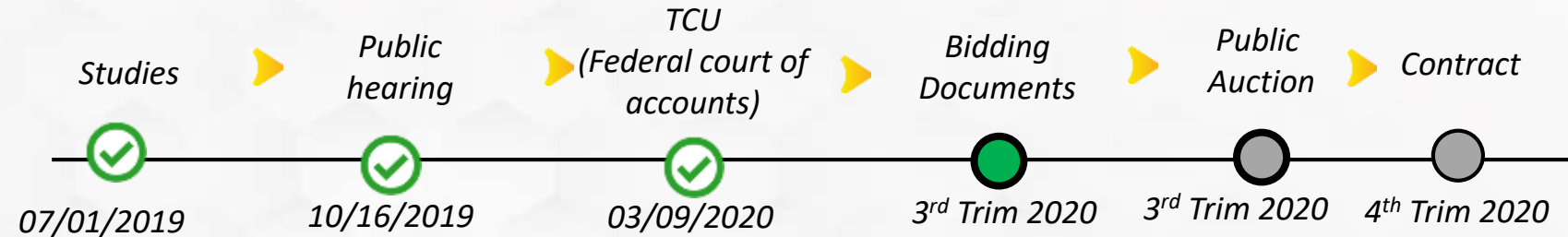
Terminal Area: 25.726 m²

Static capacity: 46.406 m³ (39.445t)

- **Importance:** The area has eight tanks for the storage of oil products, this being the main cargo at the Port of Itaqui, handling 5.9 million tones and expected to reach 17.9 million in 2060 (Master Plan, 2016). The complex works as a distribution hub for the north and northeast regions, serving Maranhão, Tocantins, Pará and Mato Grosso, as well as other nearby states by coastal shipping.
- **Expected Investment:** R\$ 58,7 millions
- **Monthly rental amount:** R\$ 360,3
- **Variable rental Value:** R\$ 11,38t
- **Jobs created throughout the lease contract:** estimated 1.166 (direct, indirect and income effect)
- **IRR:** 9.38%
- **Auction criterion:** Highest grant
- **Lease term:** 20 years
- **PPI Qualification:** Resolution Nº 52, of May 8, 2019.

PORTS – Lease on Liquid Bulk Terminal on port of Itaqui/MA

IQI11



Brownfield Project

Vocation: Charge - Liquid bulk

Terminal Area: 33.217 m²

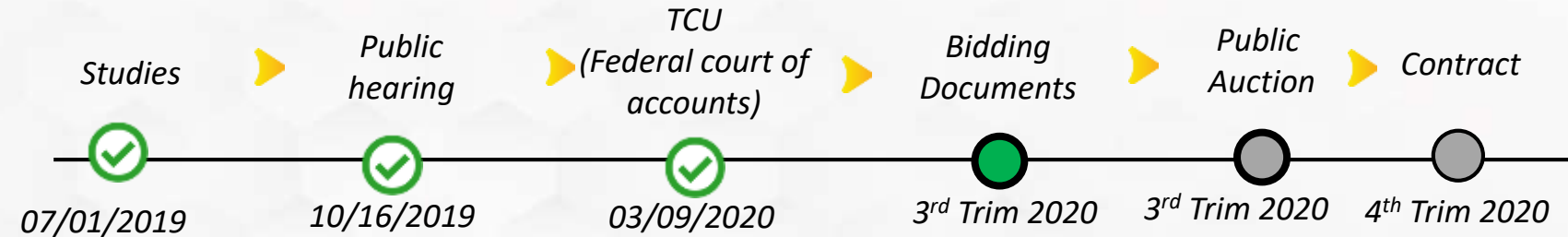
Static capacity: 64.897 m³ (55.162t)

- **Importance:** The area has eight tanks for the storage of oil products, this being the main cargo at the Port of Itaqui, handling 5.9 million tones and expected to reach 17.9 million in 2060 (Master Plan, 2016). The complex works as a distribution hub for the north and northeast regions, serving Maranhão, Tocantins, Pará and Mato Grosso, as well as other nearby states by coastal shipping.
- **Expected Investment:** R\$ 63,7 millions
- **Monthly rental amount:** R\$ 699
- **Variable rental Value:** R\$ 14,94t
- **Jobs created throughout the lease contract:** estimated 1.267 (direct, indirect and income effect)
- **IRR:** 9.38%
- **Auction criterion:** Highest Grant
- **Lease term:** 20 years.
- **PPI Qualification:** Resolution Nº 52, of May 8, 2019.



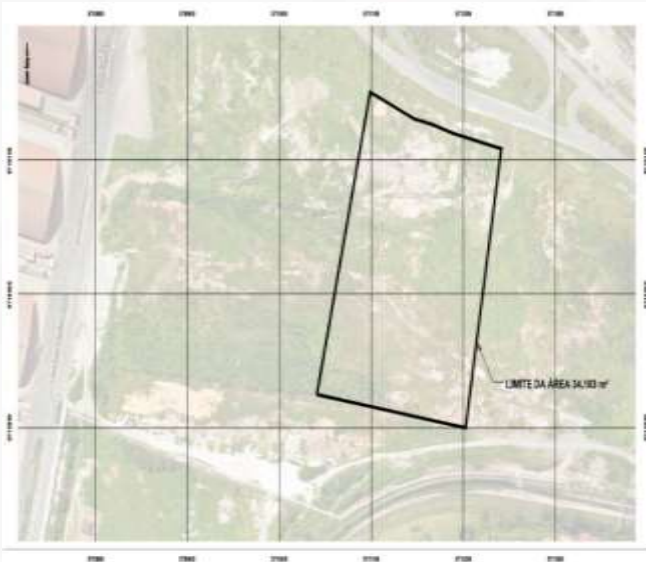
PORTS – Lease on Liquid Bulk Terminal on port of Itaqui/MA

IQI12



Brownfield Project
Vocation: Charge - Liquid bulk

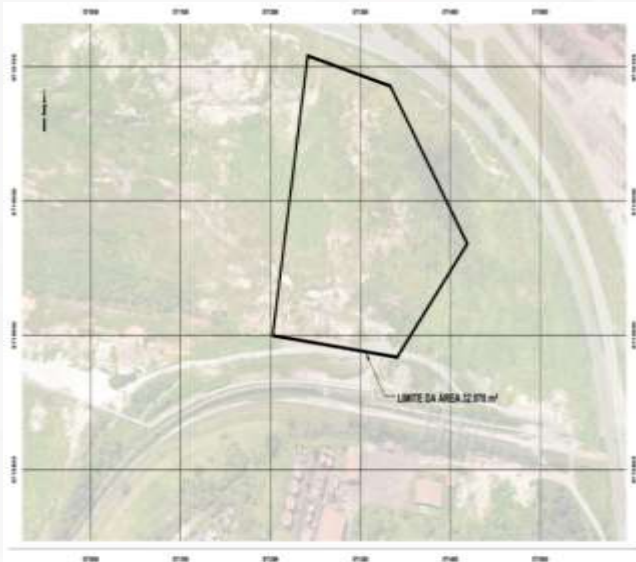
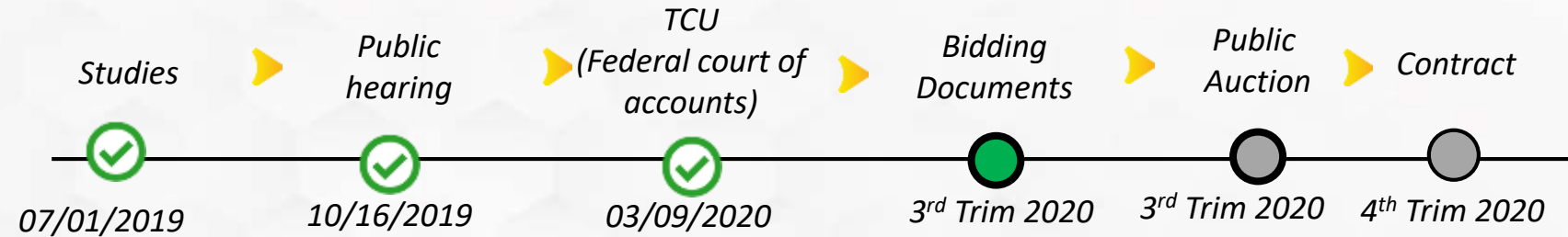
Terminal Area: 34.183 m²
Static capacity: 78.722 m³



- **Importance:** The area has eight tanks for the storage of oil products, this being the main cargo at the Port of Itaqui, handling 5.9 million tones and expected to reach 17.9 million in 2060 (Master Plan, 2016). The complex works as a distribution hub for the north and northeast regions, serving Maranhão, Tocantins, Pará and Mato Grosso, as well as other nearby states by coastal shipping.
- **Expected Investment:** R\$ 177,3 millions
- **Monthly rental amount:** R\$ 171
- **Variable rental Value:** R\$ 4,34/t
- **Jobs created throughout the lease contract:** estimated 3.559 (direct, indirect and income effect)
- **IRR:** 9.38%.
- **Auction criterion:** Highest grant
- **Lease term:** 20 years.
- **PPI Qualification:** Resolution Nº 52, of May 8, 2019.

PORTS – Lease on Liquid Bulk Terminal on port of Itaqui/MA

IQI13



Brownfield Project

Vocation: Charge Liquid bulk

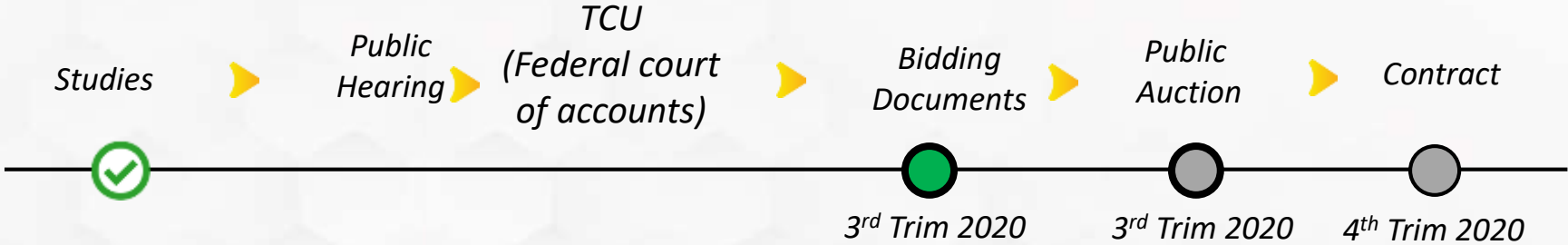
Terminal Area: 32.078 m²

Static capacity: 78.722 m³

- **Importance:** The area has eight tanks for the storage of oil products, this being the main cargo at the Port of Itaqui, handling 5.9 million tones and expected to reach 17.9 million in 2060 (Master Plan, 2016). The complex works as a distribution hub for the north and northeast regions, serving Maranhão, Tocantins, Pará and Mato Grosso, as well as other nearby states by coastal shipping.
- **Expected Investment:** R\$ 178,5 millions
- **Monthly rental amount:** R\$ 166,6
- **Variable rental Value:** R\$ 4,23t
- **Jobs created throughout the lease contract:** estimated 3.578 (direct, indirect and income effect)
- **IRR:** 9.38%.
- **Auction criterion:** Highest grant
- **Lease term:** 20 years
- **PPI Qualification:** Resolution N^o 52, of May 8, 2019.

PORTS – Rental of vehicles terminal at the port of Paranaguá/PR

PAR12



Greenfield Project

Vocation: Charge - Vehicles

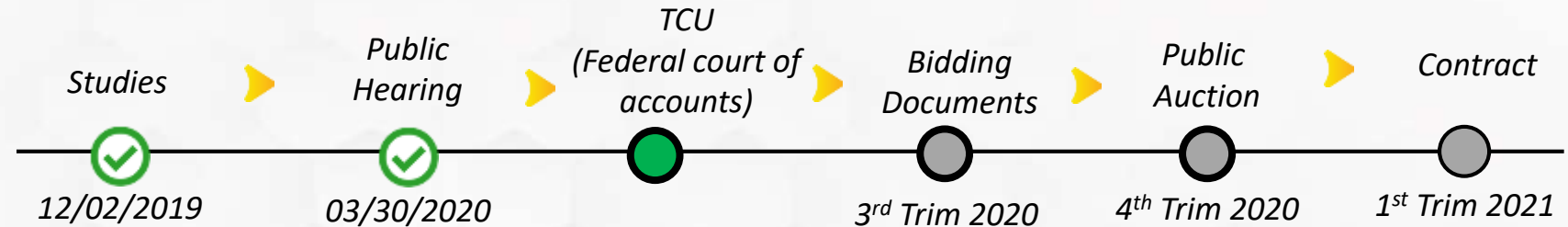
Terminal Area: 74.149 m²

Static capacity: 4 thousand units

- **Importance:** Brazil plays an important role in the rolling cargo sector, with several international headquarters in the automobile industry recently investing in production plants in the country. In 2016, Brazilian long-distance transportation took place both in terms of exports and imports, totaling 1.1 million tones. Specifically for the Paraná-São Francisco do Sul cluster, the weighted average growth rate of 2% is forecast for the 25-year period, with an estimated transportation of 276.000 tones in 2021 and reaching 453.000 in 2045.
- **Expected Investment:** R\$ 22,20 millions
- **Monthly rental amount:** R\$ 107,8
- **Variable rental Value:** R\$ 12,11
- **Jobs created throughout the lease contract:** estimated 442 (direct, indirect and income effect)
- **IRR:** 9.38%.
- **Auction criterion:** Highest Grant
- **Lease term:** 25 years
- **PPI Qualification:** Decree N^o 9.059, of May 25, 2017.

PORTS - Solid Bulk lease at the Port of Aratu-Candeias/BA

ATU12



Brownfield Project

Vocation: Cargo - Solid Bulk Fertilizers

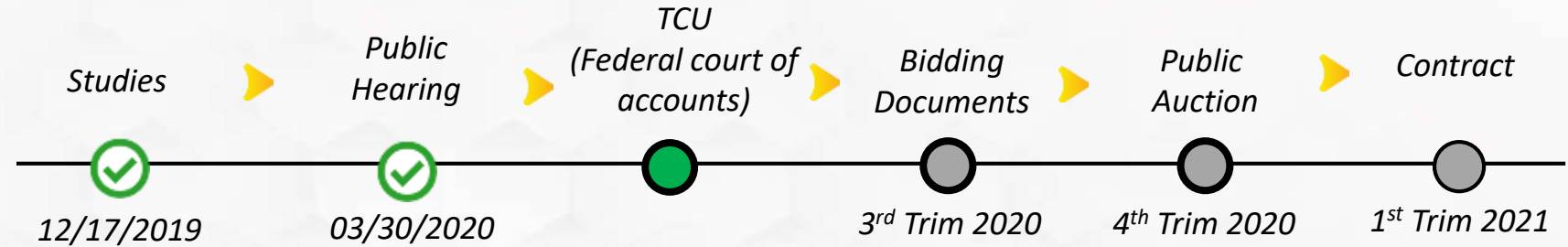
Terminal Area: 154.916 m²

Static capacity: 190.000/t

- **Importance:** According to data from the Master Plan of the Port of Aratu-Candeias, 1,837,323 t of solid bulk were handled in 2014, with emphasis on the landings of fertilizers (819,401 t) and copper concentrate (549,565 t). The projection is that by 2030 these cargoes will become the third main product handled in the port, increasing its market share to 14%. The port complex serves as a route for the flow of production and imports from the Industrial Complex of Camaçari - the largest integrated industrial complex in the Southern Hemisphere and its area of influence aggregates the states of Bahia, Sergipe, Alagoas and Pernambuco.
- **Expected Investment:** R\$ 280,54 million
- **Monthly Lease Value:** R\$ 96.000/month
- **Variable Lease Value:** R\$0.7209/t
- **Jobs created throughout the lease contract:** estimated 5.649 (direct, indirect and income effect)
- **IRR:** 9.38%.
- **Auction criterion:** Highest Grant
- **Lease term:** 25 years
- **PPI Qualification:** Resolution Nº 69, of august 21, 2019.

PORTS - Solid Bulk lease at the Port of Aratu-Candeias/BA

ATU18



Greenfield Project

Vocation: Cargo - Solid Bulk

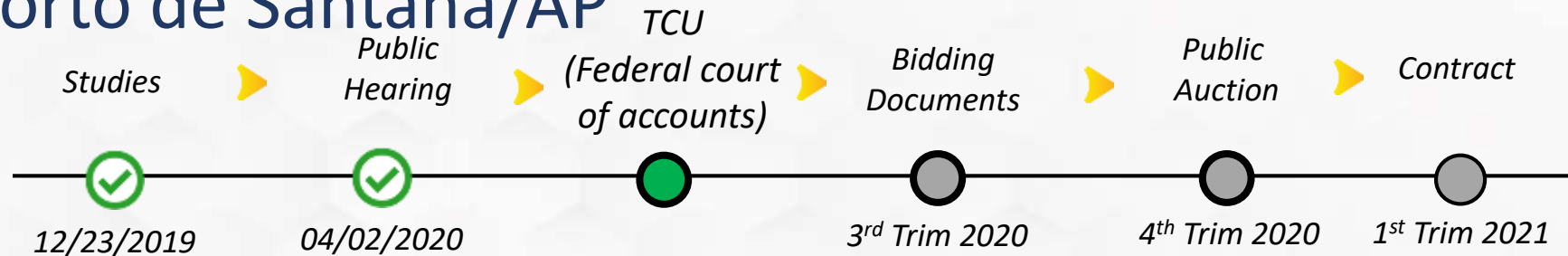
Terminal Area: 51.561,61 m²

Static capacity: 90.000/t

- **Importance:** Currently, there is only one terminal in the port complex specialized in handling solid vegetable bulk, which is operating at the limit of its dynamic capacity. Thus, the project aims to fill this deficit, meeting the need for storage and disposal of the grain harvest in the western region of Bahia.
- **Expected Investment:** R\$ 119,85 million
- **Monthly rental Value:** R\$ 314
- **Variable rental Value:** R\$ 3,82/t
- **Jobs created throughout the lease contract:** estimated 2.299 (direct, indirect and income effect)
- **IRR:** 9.38%.
- **Auction criterion:** Highest Grant
- **Lease term:** 15 years
- **PPI Qualification:** Resolution No. 107, of february 19, 2020.

PORTS – Lease terminal for handling and storage of solid vegetable bulk in the Port of Porto de Santana/AP

MCP02



Brownfield Project

Vocation: Cargo - Solid Vegetable

Terminal Area: 3.186,74 m²

Static capacity: 21.600/t

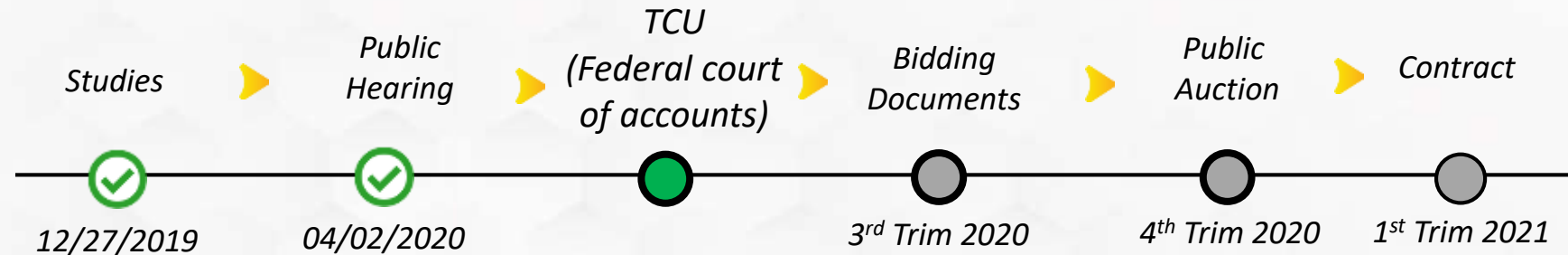
- **Importance:** The main cargo to be handled at the terminal is soybean meal, which represents 11% of the port's "solid vegetable bulk" profile and has a prominent importance in the Brazilian trade balance, with the country occupying the second position in world exports. Nowadays the cargo is sent to the Port of Santos, so that there will be a considerable reduction in internal transport costs with the change to the Port of Santana, much closer to the soy producing region in Brazil, located mainly in the state of Mato Grosso. In addition to this reduction in domestic transport, it must also be considered that Santana has a competitive advantage due to its proximity to Europe, allowing savings of five days of maritime navigation in comparison with Santos.
- **Expected Investment:** R\$ 41,35 million
- **Monthly rental Value:** R\$ 20,067
- **Variable rental Value:** R\$ 1,70/t
- **Jobs created throughout the lease contract:** estimated 793 (direct, indirect and income effect)
- **IRR:** 9.38%.
- **Auction criterion:** Highest Grant
- **Lease term:** 25 years
- **PPI Qualification:** Resolution No. 107, of february 19, 2020.



Figura 01: Área de arrendamento MCP02 – Porto de Santana/AP
Fonte: EVTEA - EPL - 2019.

PORTS – Lease of terminal for handling and storage of liquid bulk (sulfuric acid) in the Port of Maceió / AL

MAC10



Greenfield Project

Vocation: Cargo – liquid bulk (sulfuric acid)

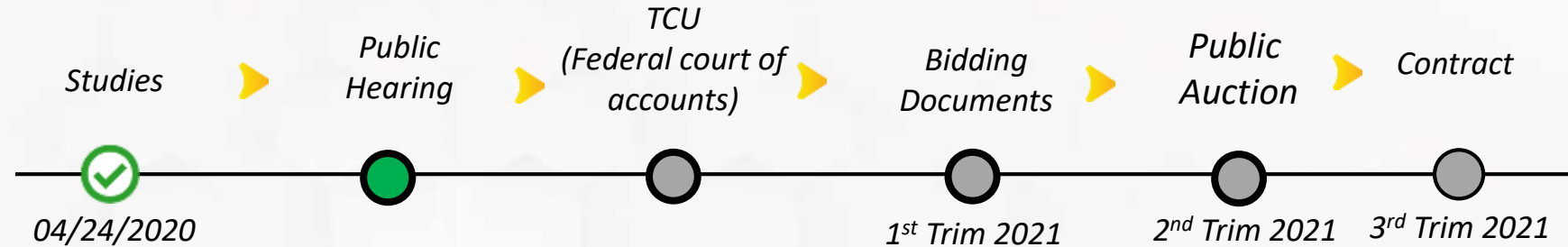
Terminal Area: 7.932 m²

Static capacity: 3.321 m³ (6.111qt)

- **Importance:** The demand for chemical products in the complex is highly influenced by the presence of the Chlorochemical Cluster of Alagoas, located in the municipality of Marechal Deodoro. Currently, only the Braskem Terminal handles chemicals at the port of Maceió, and only with its own cargo. As a result, the terminal must absorb all of the expected loads.
- **Estimated investments:** R\$ 12,78 million
- **Monthly rental amount:** R\$ 11,60
- **Variable rental Value:** R\$ 3.42/t
- **Jobs created throughout the lease contract:** estimated 245 (direct, indirect and income effect)
- **IRR:** 9.38%.
- **Auction Criteria:** Highest Grant.
- **Contract term:** 25 anos.
- **PPI Qualification:** Resolution No. 107, of february 19, 2020.

PORTS – Lease on Liquid Bulk Terminal on Port of Santos/SP

STS08



Brownfield Project

Vocation: Cargo – Combustible liquid bulk

Terminal Area: 137.319 m²

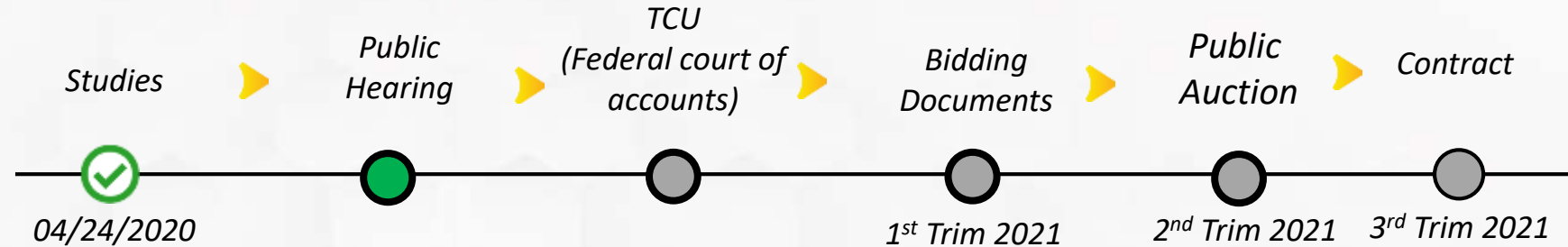
Static capacity: 144.011 m³ (131.177 t)

- **Importance:** According to data presented in the report “Demand Projection and Mesh Loading” (Base Year 2016), published in 2017, the total expected demand for oil products for the horizon from 2016 to 2060 has an average growth rate of around 2.03%. In the specific case of LPG (liquefied petroleum gas), the country faces a deficit in infrastructure for receiving imports that represented 30% of national consumption, with 40% of these imports being received by the Santos port complex. In this sense, the STS08 and STS08A terminals act as regulators of the Petrobras derivatives production stock, carrying out activities such as: transfer and receipt of products from vessels, supply of bunker on vessels moored in the Complex, shipment of products from refineries and shipment of LPG for distribution companies located in the Southeast and Midwest.
- **Estimated investments:** R\$ 209.618 million
- **Monthly rental amount:** R\$ 1.516,1
- **Variable rental Value:** R\$ 9,35/t
- **Jobs created throughout the lease contract:** estimated 4.202 (direct, indirect and income effect)
- **IRR:** 9.38%.
- **Auction Criteria:** Highest Grant.
- **Contract term:** 25 anos.
- **PPI Qualification:** Resolution no. 87 of 11/19/2019; Qualified at the CPPI Meeting of 06/10/2020

Notice published: <http://web.antaq.gov.br/Sistemas/LeilaoInternetV2/PaginaPrincipal.aspx>

PORTS – Lease on Liquid Bulk Terminal on Port of Santos/SP

STS08A



Brownfield Project

Vocation: Cargo – Combustible liquid bulk

Terminal Area: 305.688 mil m²

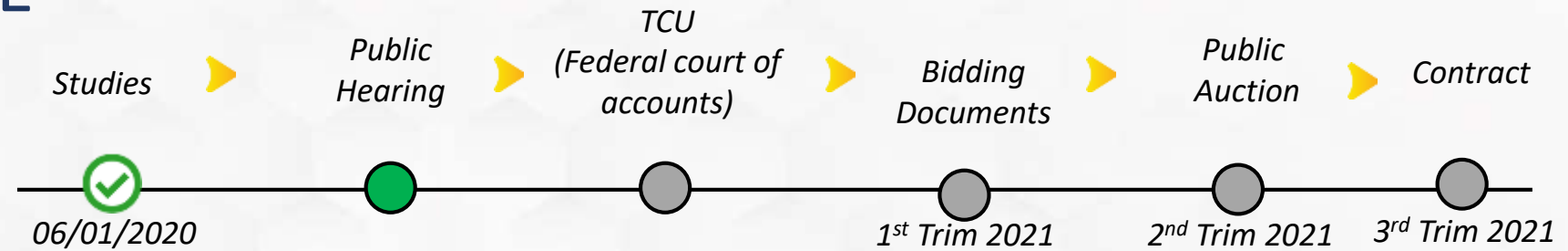
Static capacity: 335.366 m³

- **Importance:** According to data presented in the report “Demand Projection and Mesh Loading” (Base Year 2016), published in 2017, the total expected demand for oil products for the horizon from 2016 to 2060 has an average growth rate of around 2.03%. In the specific case of LPG (liquefied petroleum gas), the country faces a deficit in infrastructure for receiving imports that represented 30% of national consumption, with 40% of these imports being received by the Santos port complex. In this sense, the STS08 and STS08A terminals act as regulators of the Petrobras derivatives production stock, carrying out activities such as: transfer and receipt of products from vessels, supply of bunker on vessels moored in the Complex, shipment of products from refineries and shipment of LPG for distribution companies located in the Southeast and Midwest.
- **Estimated investments:** R\$ 1.196,014 billion
- **Monthly rental amount:** R\$ 3.202
- **Variable rental Value:** R\$ 7,13/t
- **Jobs created throughout the lease contract:** estimated 23.926 (direct, indirect and income effect)
- **IRR:** 9.38%.
- **Auction Criteria:** Highest Grant.
- **Contract term:** 25 anos.
- **PPI Qualification:** Resolution no. 87 of 11/19/2019; Qualified at the CPPI Meeting of 06/10/2020

Notice published: <http://web.antaq.gov.br/Sistemas/LeilaoInternetV2/PaginaPrincipal.aspx>

PORTS – Lease of Terminal for handling solid bulk (wheat grain) in the Port of Mucuripe/CE

MUC01



Brownfield Project

Vocation: Cargo – Solid bulk (grains)

Terminal Area: 6.000 m²

Static capacity: 25.000t

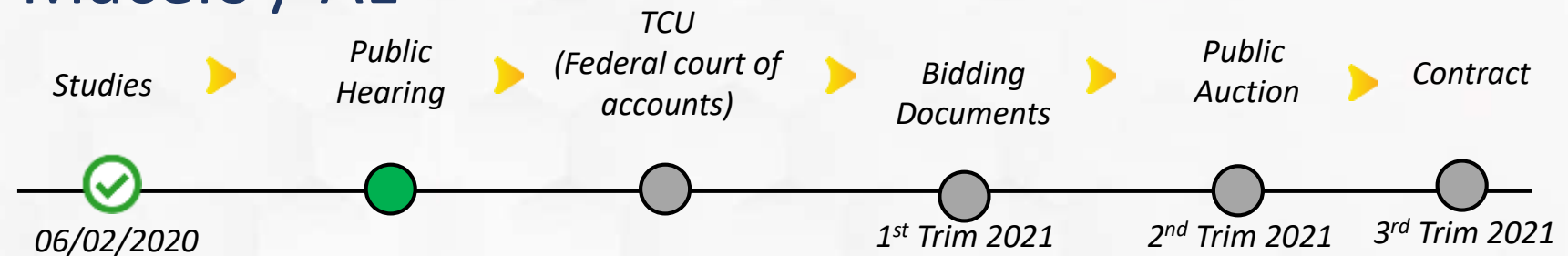
- **Importance:** According to information from the Master Plan, wheat landings account for 70.4% of solid bulk operations, equivalent to 963,752 tones (2013 data), imported mostly from the United States, Argentina and Uruguay. Given the current capacity, the operation depends on the use of other tenants' space. With the project, this dependence on third parties will be reduced and will also bring improvements that will allow the autonomous operation of the terminal when unloading ships and transporting to the warehouse.
- **Estimated investments:** R\$ 56,8 million
- **Monthly rental amount:** R\$ 63,23
- **Variable lease amount :** R\$ 1,54 (R\$/t)
- **Jobs created throughout the lease contract:** estimated 1.126 (direct, indirect and income effect)
- **IRR:** 9,38%
- **Auction Criteria:** Highest Grant.
- **Contract term:** 25 years.
- **PPI Qualification:** Qualified at the CPPI Meeting of 06/10/2020



Notice published: <http://web.antaq.gov.br/Sistemas/LeilaoInternetV2/PaginaPrincipal.aspx>

PORTS - Lease of terminal for handling and storage of general cargo (sugar) in the Port of Maceió / AL

MAC13



Brownfield Project

Vocation: Cargo – Solid Vegetable (sugar)

Terminal Area: 71.262m²

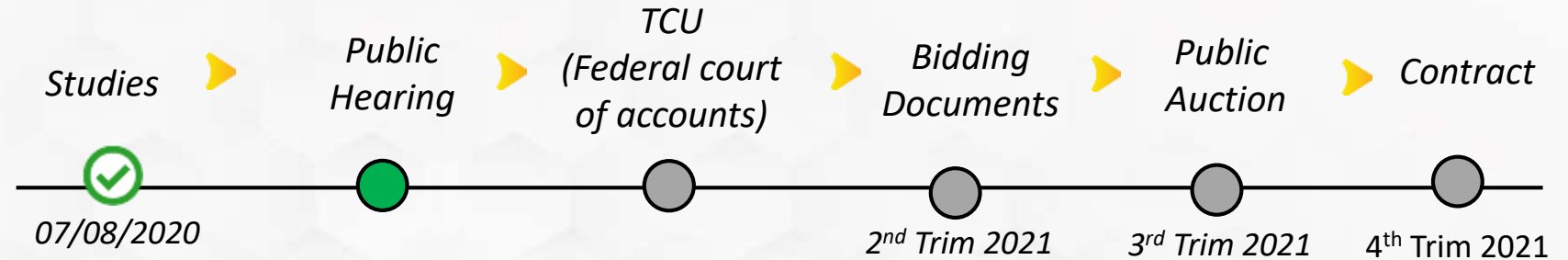
Static capacity: 180.000t

- **Importance:** Brazilian sugar, obtained from the processing of sugarcane, is one of the most consumed and commercialized agricultural commodities in the world. It has a market concentrated in a few large exporters, among which Brazil is the world leader in its production and export. According to the Master Plan, in 2017 around one million tones of sugar were handled at the Port of Maceió, representing a 37% relative share in the handling of the complex. In the current scenario, the MAC13 terminal is the only one to operate this type of cargo at the Maceió Port Complex, absorbing 100% of the macro demand.
- **Expected Investment:** R\$ 55,7 million
- **Monthly rental amount:** R\$ 364,7
- **Variable rental Value:** R\$ 4,73/t
- **Jobs created throughout the lease contract:** estimated 1.105 (direct, indirect and income effect)
- **IRR:** 9.38%.
- **Auction criterion:** Highest grant
- **Lease term:** 25 years
- **PPI Qualification:** Qualified at the CPPI Meeting of 06/10/2020

Notice published: <http://web.antaq.gov.br/Sistemas/LeilaoInternetV2/PaginaPrincipal.aspx>

PORTS – Lease of terminal Salineiro of Areia Branca/RN

TERSAB



Brownfield Project

Vocation: Cargo - Mineral bulk (sea salt)

Terminal Area: 35.114 m²

Static capacity: 150.000t

- **Importance:** In addition to human consumption, salt is widely used for other purposes, such as in the chemical and pharmaceutical industry, in addition to livestock, in the oil extraction process and in the manufacture of animal feed. The chemical industry is, in fact, one of the main demanders for salt production in Brazil, with a relative share of 31% (2014 data), followed by human and animal consumption, agriculture and food. Brazil is self-sufficient in the production of salt, producing 7.5 million tones in 2014, a mark that places it as the tenth largest producer in the world. Of this amount, 5.7 million tones originated precisely in Rio Grande do Norte.
- **Estimated investments:** R\$ 162 million
- **Monthly rental amount:** R\$ 310,8
- **Variable lease amount :** R\$ 1,51 (R\$/t)
- **Jobs created throughout the lease contract:** estimated 3.257 (direct, indirect and income effect)
- **IRR:** 9,38%
- **Contract term:** 25 years.
- **Auction Criteria:** Highest Grant.
- **PPI Qualification:** Qualified at the CPPI Meeting of 06/10/2020
- **Notice published:** <http://web.antaq.gov.br/Sistemas/LeilaoInternetV2/PaginaPrincipal.aspx>



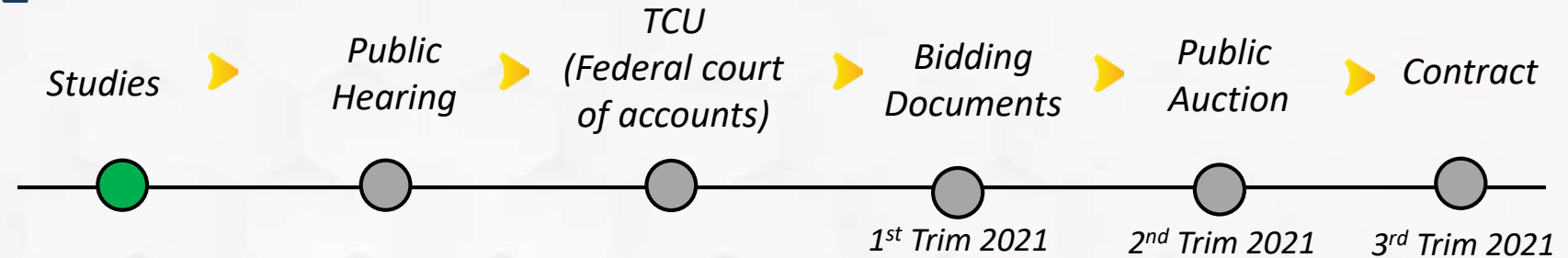
Figura 2: Localização da área onshore do TERSAB
Fonte: Elaboração Própria, com imagem do Google Earth (2020).

PORTS - Lease of terminal for handling and storage of liquid bulk in the Port of Maceió/AL

MAC11



Figura 05- Localização da área MAC11 no Porto de Maceió - AL
Fonte: Google Earth – Elaboração Própria



Brownfield Project
Vocation: Cargo – Liquid Bulk

Terminal Area: 56.675 m²
Static capacity: 50,4 m³

- **Importance:** The main focus of the terminal in question is related to the transportation and storage of fuels, whose relevance to the world economy is undeniable and requires no further comment. According to the Master Plan, liquid bulk accounted for 55% of the volume transported in the complex in 2017. That year, around 300.000 tones of oil products were handled at the Port of Maceió, with the S-500 diesel being the main product operated. Likewise, ethanol has a major impact on operations, being responsible for handling 220.000 tones, especially for the coastal shipping. On the other hand, petroleum from onshore wells located in the state of Alagoas handled 163.000 tones (also 2017 data) through coastal shipping.
- **Estimated investments:** R\$ 166,81 million
- **Monthly rental amount:** in studies
- **Variable lease amount:** in studies
- **Jobs created throughout the lease contract:** estimated 3.338(direct, indirect and income effect)
- **IRR:** in studies
- **Auction Criteria:** Highest Grant.
- **Contract term:** 25 years.
- **PPI Qualification:** Qualified at the CPPI Meeting of 06/10/2020

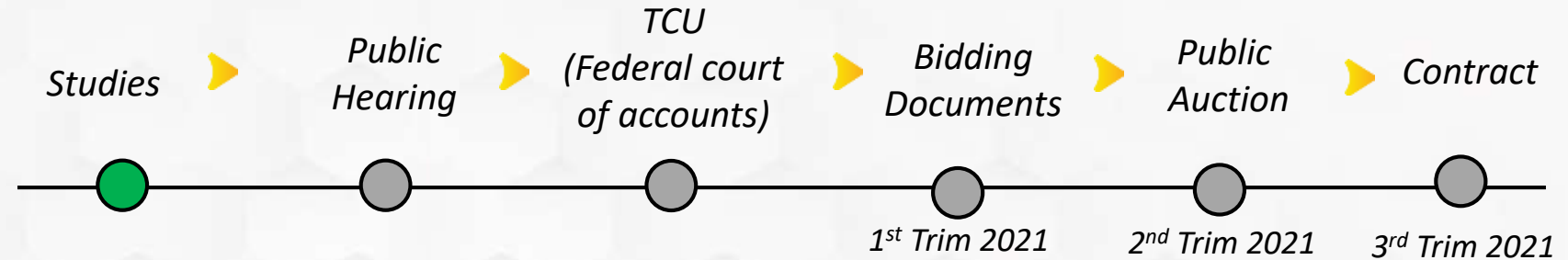
PORTS - Lease of terminal for handling and storage of liquid

bulk in the Port of Maceió/AL

MAC12



Figura 06: Localização da área MAC12 no Porto de Maceió - AL.
Fonte: Google Earth - Elaboração Própria



Brownfield Project

Vocation: Cargo – Liquid Bulk

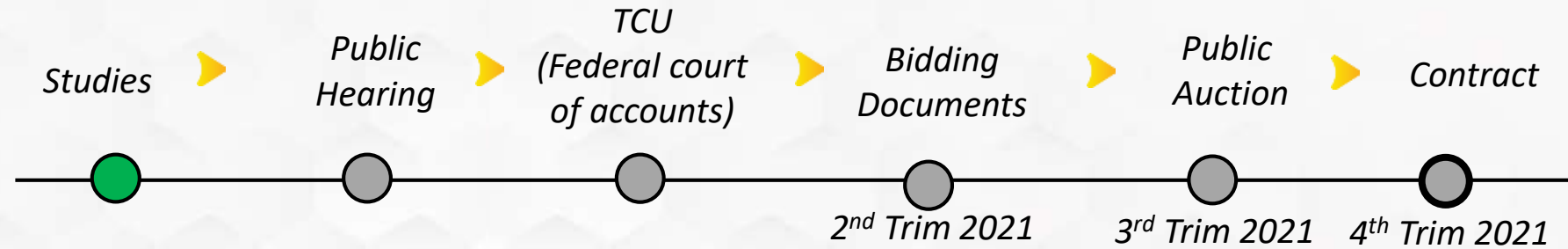
Terminal Area: 8.837 m²

Static capacity: 18.286,71 m³

- **Importance:** The main focus of the terminal in question is related to the transportation and storage of fuels, whose relevance to the world economy is undeniable and requires no further comment. According to the Master Plan, liquid bulk accounted for 55% of the volume transported in the complex in 2017. That year, around 300.000 tones of oil products were handled at the Port of Maceió, with the S-500 diesel being the main product operated. Likewise, ethanol has a major impact on operations, being responsible for handling 220.000 tones, especially for the coastal shipping. On the other hand, petroleum from onshore wells located in the state of Alagoas handled 163.000 tones (also 2017 data) through coastal shipping.
- **Estimated investments:** R\$ 30 million
- **Monthly rental amount:** in studies
- **Variable lease amount :** in studies
- **Jobs created throughout the lease contract:** estimated 602 (direct, indirect and income effect)
- **IRR:** in studies
- **Auction Criteria:** Highest Grant.
- **Contract term:** 25 years.
- **PPI Qualification:** Qualified at the CPPI Meeting of 06/10/2020

PORTS - Lease of terminal for handling and storage of mineral bulk at the Port of Vila do Conde / PA

VDC10



Brownfield Project

Vocation: Cargo – Liquid Bulk(alumina, hydrate)

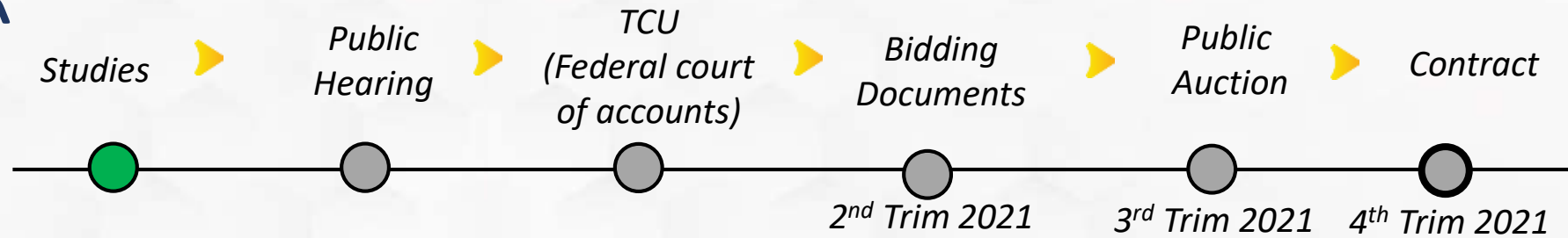
Terminal Area: 162.856 m²

Static capacity: in studies

- **Importance:** According to information from the Master Plan of the Port of Vila do Conde, shipments of alumina in Vila do Conde were of 4,862,684 t in 2011, which makes it the second most transported cargo in the port. The same document also records significant numbers for liquid bulk, mainly caustic soda and fuels, which handled 2,119,162 t that year. At that time, the need to build a new berth for liquid bulk was also alerted, as the projections indicated the imminent overcoming of the capacity to handle demand, so that the lease should supply a deficiency in the port structure.
- **Estimated investments:** R\$ 400 million
- **Monthly rental amount:** in studies
- **Variable lease amount :** in studies
- **Jobs created throughout the lease contract:** estimated 8.042 (direct, indirect and income effect)
- **IRR:** in studies
- **Auction Criteria:** Highest Grant.
- **Contract term:** 25 years.
- **PPI Qualification:** Resolution Nº. 107, of february 19, 2020.

PORTS – Lease of general cargo handling terminal in the port of Paranaguá/PR

PAR32



Brownfield Project

Vocation: General Cargo

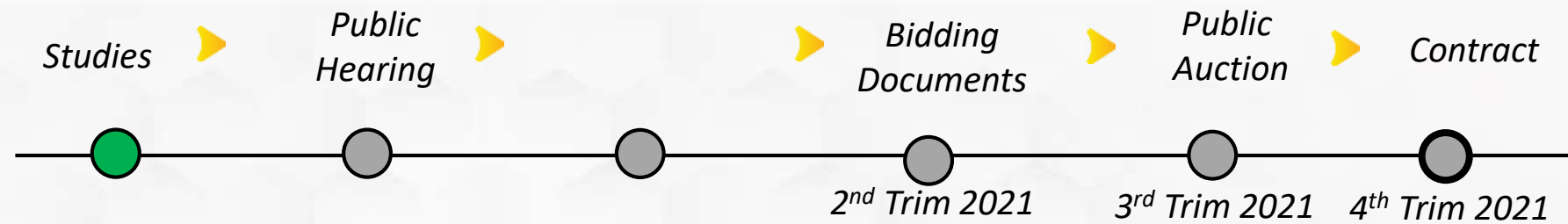
Terminal Area: 6.651 m²

Static capacity: 12.000t

- **Importance:** Brazilian sugar, obtained from the processing of sugarcane, is one of the most consumed and commercialized agricultural commodities in the world. It has a market concentrated in a few large exporters, among which Brazil is the world leader in its production and export. Internally, in 2015 the Port of Santos stopped handling bagged sugar, making the Paranaguá-Antonina Complex the natural destination of the cargo. As a result, the Port of Paranaguá is now extremely important in exporting this cargo to countries that do not have refineries or whose ports do not have modern facilities for receiving container ships.
- **Expected Investment:** R\$ 3,23 million
- **Monthly rental amount:** R\$ 79,3
- **Variable rental Value:** R\$ 5,39
- **Jobs created throughout the lease contract:** estimated 602 (direct, indirect and income effect)
- **IRR:** 9.38%.
- **Auction criterion:** Highest grant
- **Lease term:** 10 years
- **PPI Qualification:** Resolution Nº 87, of November 19, 2019.

PORTS - Lease of terminal for handling and storage of liquid bulk (fuels) in the Port of Paranaguá/PR

PAR50



Brownfield Project

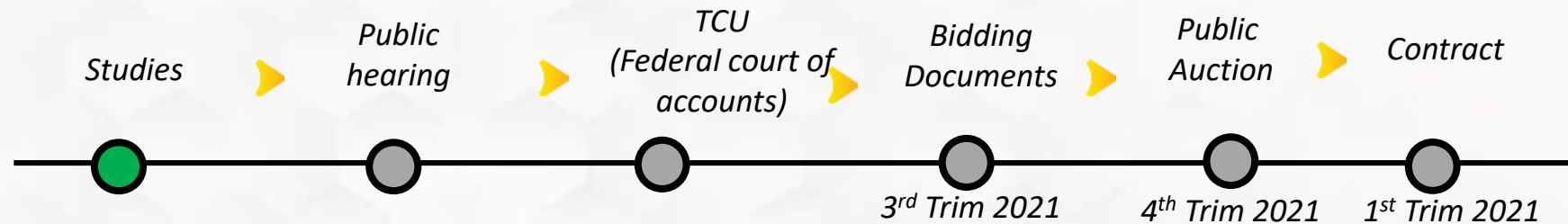
Vocation: Cargo – Combustible liquid bulk

Terminal Area: 61.610 m²

Static capacity: 70.181 m³ (65.602/t)

- Importance:** According to information from the Master Plan of the Paranaguá and Antonina Port Complex, in 2016 a total of 5.1 million tones of oil products, chemicals, LPG and ethanol were handled. For oil products, which in 2016 handled a volume of 3.9 million tones, the projected demand is expected to increase, reaching 7.2 million. In terms of the handling of chemical products, there is a forecast, still according to the master plan, of growth of around 1.1% per year. With regard to ethanol, the forecast in the trend scenario is that there will be a growth rate of 0.9%, expected to reach 185.000 tones in 2060. With regard to vegetable oils, in the trend scenario, the total demand for the Paranaguá and Antonina Port Complex presents an average annual growth of 0.9%, between 2016 and 2060, with the possibility of growth in the export of the product due to the current production idleness of the soy industries in the region. Its implementation will also offer opportunities in a market of the highest relevance in the world and domestic scenario, whether in the export of petroleum products and chemicals, or for the transportation of products through local distributors.
- Estimated investments:** R\$ 7,22 million
- Variable rental Value:** R\$ 19,64
- Auction criterion:** Highest grant
- Jobs created throughout the lease contract:** estimated 1.407 (direct, indirect and income effect)
- PPI Qualification:** Resolution N^o. 107, of february 19, 2020.
- Monthly rental amount:** R\$ 714,12
- IRR:** 9.38%.
- Lease term:** 15 years

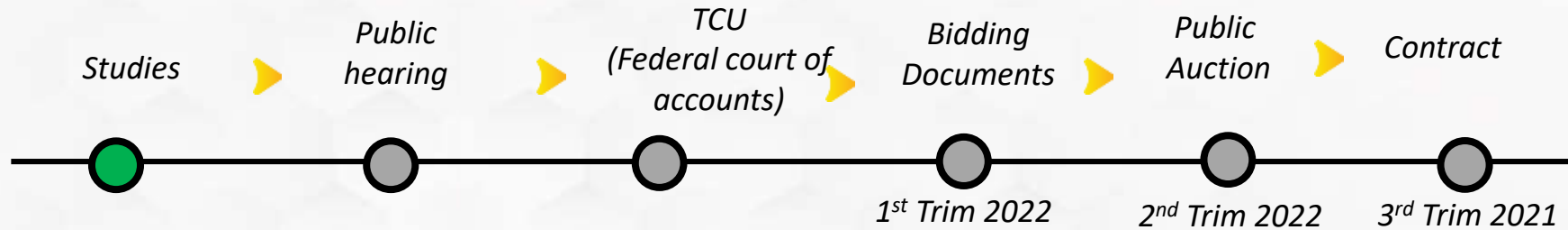
Privatization



Brownfield Project

- **Importance:** Complex consists of the organized ports of Vitória and Barra do Riacho, managed by the Docas do Espírito Santo Company (Codesa), which is linked to the Ministry of Infrastructure. The Vitória Organized Port port facilities are in the municipalities of Vitória / ES and Vila Velha / ES, have 13 berths, 4 of which are leased, and have storage facilities for solid, liquid, containers and general cargo, distributed in warehouses, silos, tanking and courtyards. Barra do Riacho Port is in the municipality of Aracru / ES and does not have its own storage areas or equipment, since all operations are carried out at Portocel and TABR (TUP built by Petrobrás S.A) private use terminals. It has access by the federal highways BR-101, BR-262 and BR-447, state highways ES-080 and ES-471 and extensions of the Vitória Minas Railroad (EFVM). Port of Victoria handled approximately 9.36 million tons in 2018, with container (2.7mt), marble / granite (1.5mt), steel products (773kt), machinery and vehicles (755kt).
- **Expected Investment:** R\$ 1.00 billion (depends on the outcome of the studies)
- **Contract term:** 35 years (under analysis)
- **Auction Criteria:** under analysis
- **PPI Qualification:** Resolution Nº 14, August 23, 2017.

São Sebastião



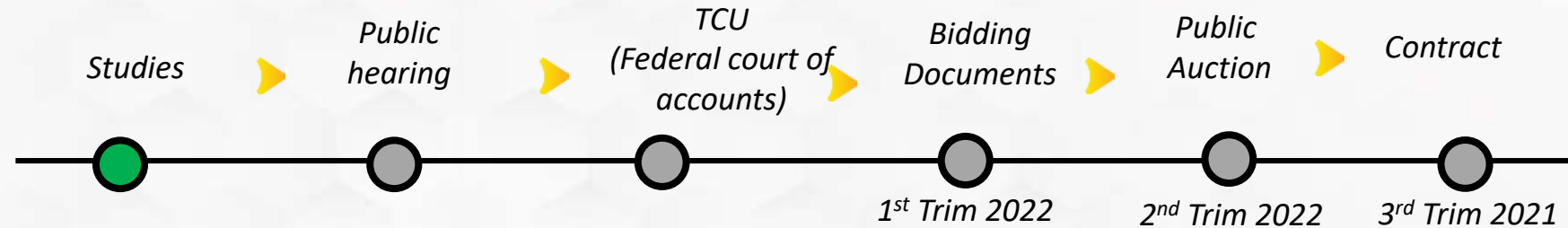
Brownfield Project.

- **Importance:** It has a capacity of 20,000 tons. Access to the port complex comprises road (19.8 km long) road (federal and state) and pipeline access. In 2016, it handled 47,079,803 tons of various products. The mooring infrastructure consists of a pier with 5 berths. All major port cargo is handled through Berth 101. In the other berths, smaller docks that operate general cargo. The Public Port operates cargoes of different natures, such as Roll-on / Roll-off (RO-RO), bulk and general cargo, and its retro-area is divided into various types of storage structures, including courtyards, warehouses and silos
- **Expected Investment:** R\$ 574,37 million
- **Contract term:** 35 years (depends on the outcome of studies)
- **Auction Criteria:** under analysis
- **PPI Qualification:** Resolution N^o 52, of august 05, 2019.



PORTS – Santos Organized Port Privatization

Organized Port of Santos

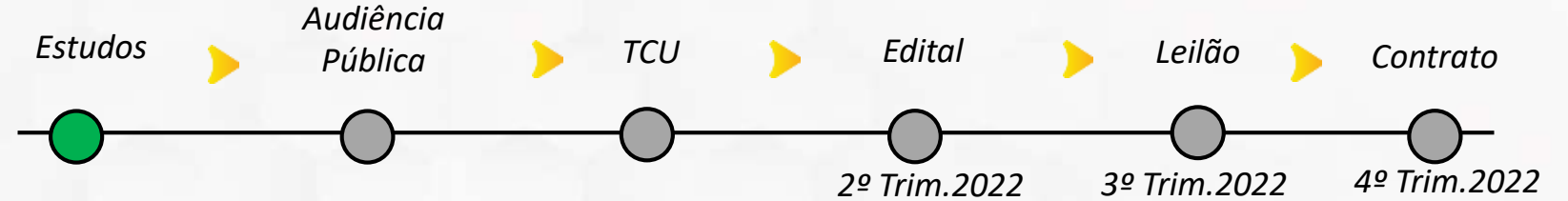


Brownfield Project

- **Importance:** waterway access by 25 km long channel, capable of receiving vessels up to 336 m long, 46 m beam and 13.5 m draft, whose dimensions are reduced further into the continent. The port has high connectivity: road access through the Anchieta-Imigrantes System, Cônego Doménio Rangoni Highway, BR-101 (Santos River) and SP-55 (Padre Manoel da Nóbrega Highway); railway and by the extensions of MRS Logística, Ferrovia Centro-Atlântica S.A. (FCA) and Rumo Malha Paulista (RMP); pipeline by the lines of Petrobras Transporte S.A. - Transpetro; and waterway through the Tietê-Paraná waterway. The Santos port complex handled, in 2018, 133.2 million tons, of which approximately 107.5 million tons were from the public port; and
- **Expected Investment:** R\$ 1.5 billion (under analysis)
- **Contract term:** 35 years
- **Auction Criteria:** highest grant
- **PPI Qualification:** Resolution Nº 69, of august 21, 2019.



PORTOS – Desestatização do Porto Organizado de Itajaí/SC



Brownfield Project

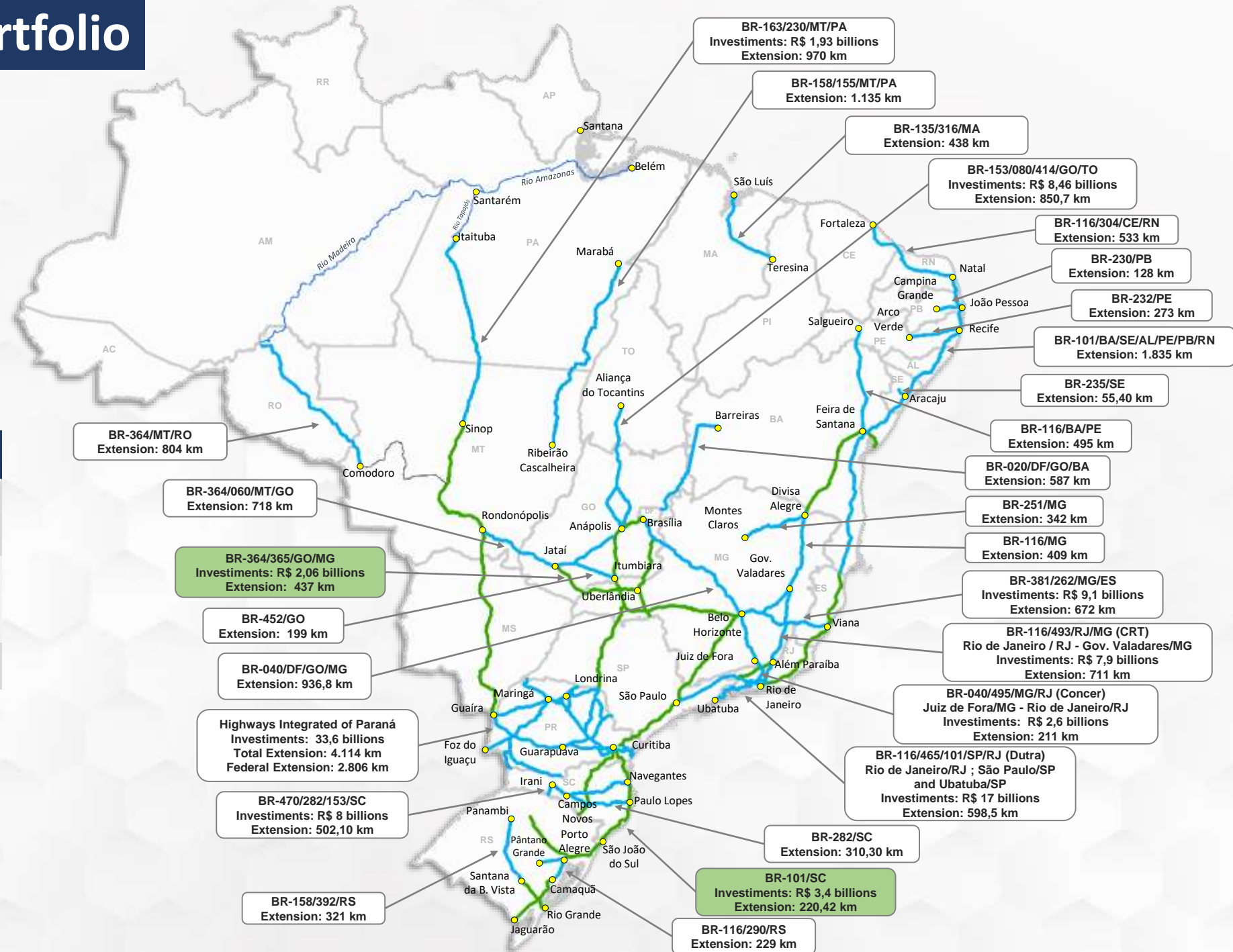
- **Estimated investments:** dependent on the results of the studies
- **Estimated contract term:** 35 years (under study)
- **Auction Criteria:** Highest Grant (under study)
- **Main characteristics:** second Brazilian port with the largest container transportation and first among frozen exporters. Exports account for approximately 50% of operations. In 2019, the port handled 8.2 million tones, including chicken (1.3mt), wood and by-products (1.8mt), meat (552kt), plastics and rubber (864kt), among others.
- **Objective:** To promote the privatization of the Organized Port of Itajaí/SC and the related public port services, in order to modernize port management, attract investments and improve the sector's operation.
- **PPI Qualification:** Qualified at the CPPI Meeting of 06/10/2020



Highways

Partnership Projects

Highway – Project Portfolio



Projects: by the Numbers

Expected investments	R\$ 143,35 billion
Extension to be granted	20.775,4 Km
Auction Concessions	BR-101/290/386/448/RS (RIS) BR-364/365/GO/MG/ BR-101/SC R\$ 12,8 billion 1.130,82 km
Total investment	R\$ 156,15 billion
Total extension	21.906,22 Km

Projetos

- Existing/Auctioned Concessions
- Qualified

BR-364/MT/RO
Extension: 804 km

BR-364/060/MT/GO
Extension: 718 km

BR-364/365/GO/MG
Investments: R\$ 2,06 billions
Extension: 437 km

BR-452/GO
Extension: 199 km

BR-040/DF/GO/MG
Extension: 936,8 km

Highways Integrated of Paraná
Investments: 33,6 billions
Total Extension: 4.114 km
Federal Extension: 2.806 km

BR-470/282/153/SC
Investments: R\$ 8 billions
Extension: 502,10 km

BR-158/392/RS
Extension: 321 km

BR-163/230/MT/PA
Investments: R\$ 1,93 billions
Extension: 970 km

BR-158/155/MT/PA
Extension: 1.135 km

BR-135/316/MA
Extension: 438 km

BR-153/080/414/GO/TO
Investments: R\$ 8,46 billions
Extension: 850,7 km

BR-116/304/CE/RN
Extension: 533 km

BR-230/PB
Extension: 128 km

BR-232/PE
Extension: 273 km

BR-101/BA/SE/AL/PE/PB/RN
Extension: 1.835 km

BR-235/SE
Extension: 55,40 km

BR-116/BA/PE
Extension: 495 km

BR-020/DF/GO/BA
Extension: 587 km

BR-251/MG
Extension: 342 km

BR-116/MG
Extension: 409 km

BR-381/262/MG/ES
Investments: R\$ 9,1 billions
Extension: 672 km

BR-116/493/RJ/MG (CRT)
Rio de Janeiro / RJ - Gov. Valadares/MG
Investments: R\$ 7,9 billions
Extension: 711 km

BR-040/495/MG/RJ (Concer)
Juiz de Fora/MG - Rio de Janeiro/RJ
Investments: R\$ 2,6 billions
Extension: 211 km

BR-116/465/101/SP/RJ (Dutra)
Rio de Janeiro/RJ ; São Paulo/SP
and Ubatuba/SP
Investments: R\$ 17 billions
Extension: 598,5 km

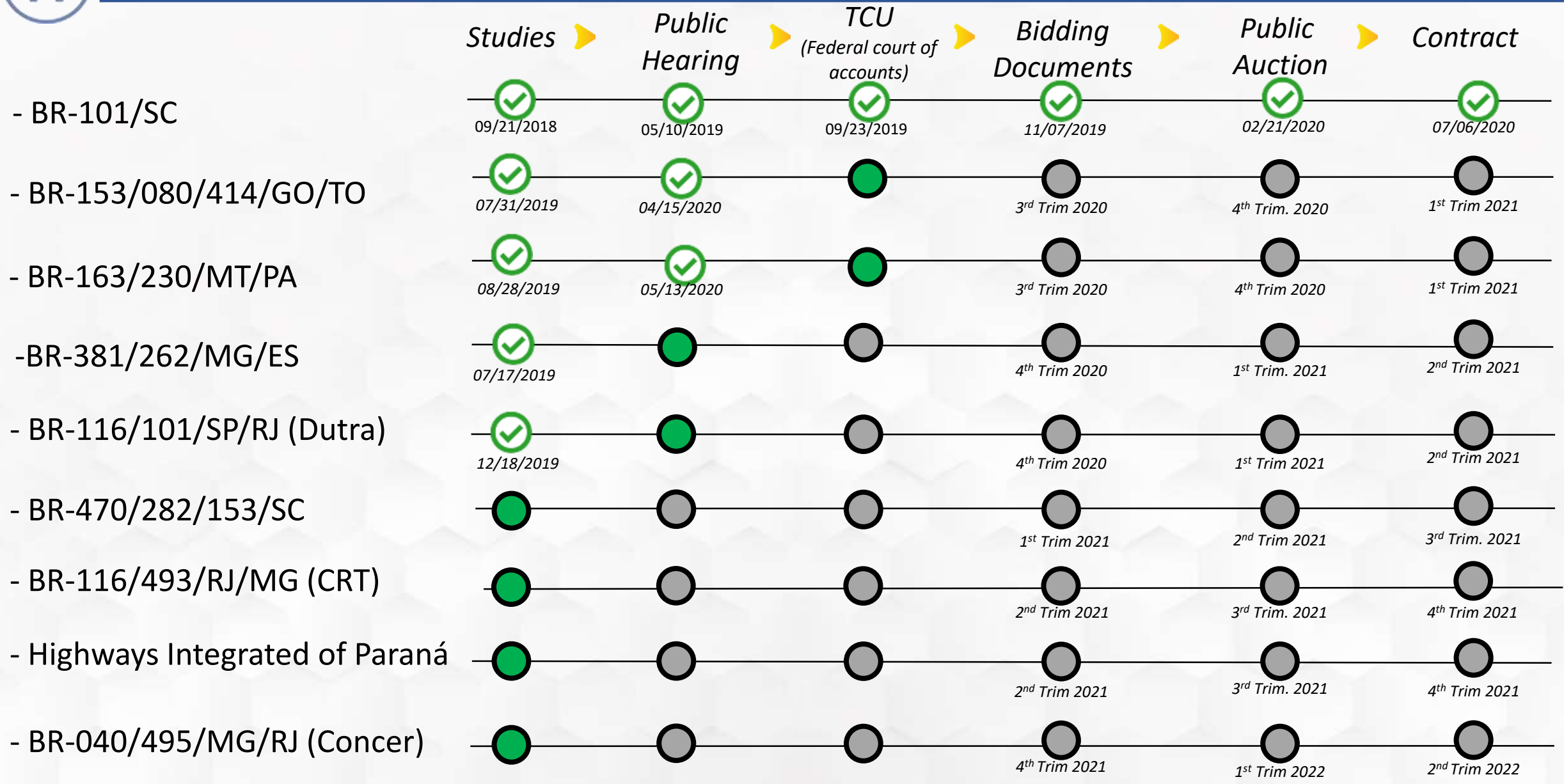
BR-282/SC
Extension: 310,30 km

BR-101/SC
Investments: R\$ 3,4 billions
Extension: 220,42 km

BR-116/290/RS
Extension: 229 km



Highway – Project Portfolio



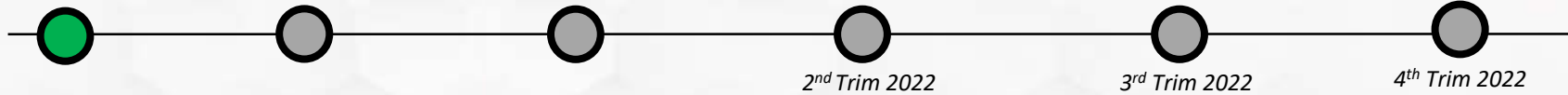
Completed
 In progress
 To be performed



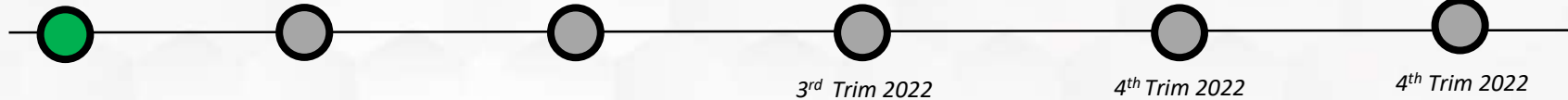
Highway – Project Portfolio



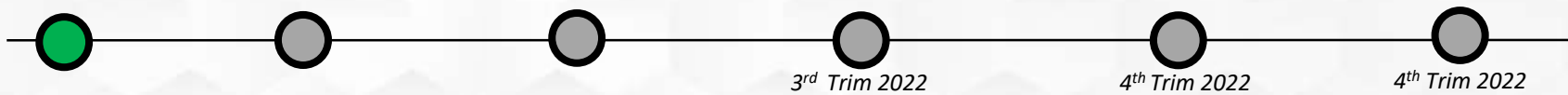
- Highways 7.200 km



- BR-040/DF/GO/MG



- BR-158/155/MT/PA



- BR-135/316/MA

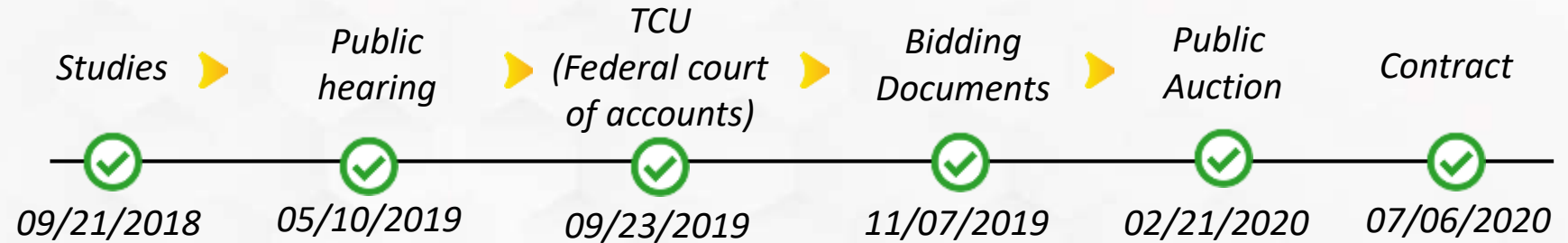
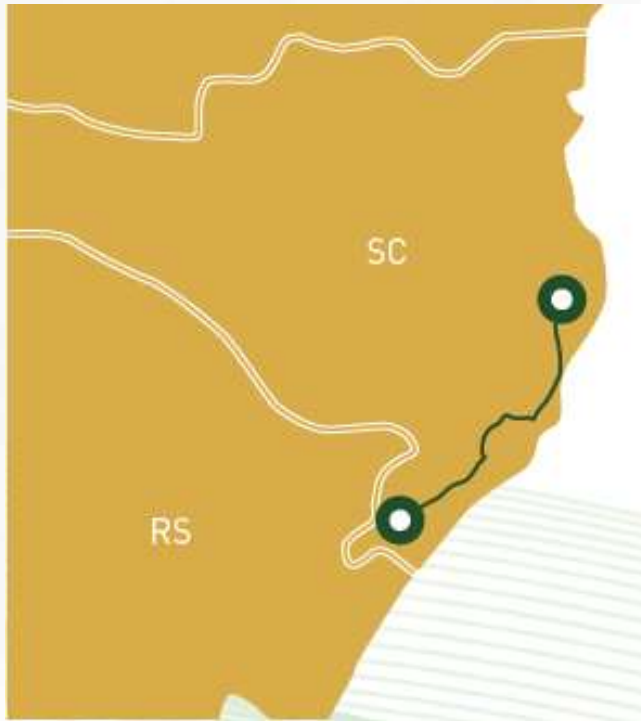


Completed
 In progress
 To be performed

Highway – BR-101/SC

AUCTIONED

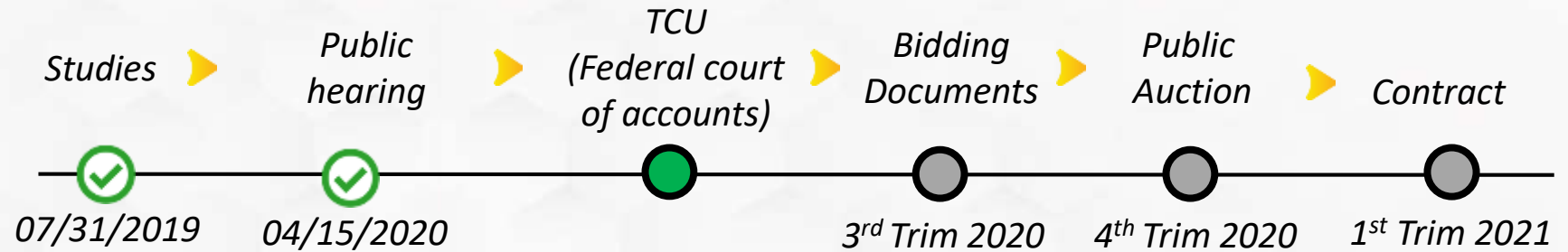
Concession of 220.42 km of BR-101 from Palhoça/SC to the state limit of SC/RS



- Length: 220.42 km
- Traffic: 25.6 thousand vehicles/day on average
- Estimated Investment: CAPEX: R\$ 3.4 billion OPEX: R \$ 4 billion
- Jobs created throughout the concession contract: estimated 68.358 (direct, indirect and income effect)
- Concession term: 30 years
- IRR (Internal Rate of Return): 9.2%
- Auction criterion: lowest fare
- Fare: R\$ 1,97 - Negative goodwill of 62.04%
- Winning Bidder: CCR S.A
- The works will enable the expansion of capacity and quality of service, reducing accidents and congestion, improving traffic, as well as a significant contribution to the economic development of the region.
- **PPI Qualification:** Resolution No. 10 of March 7, 2017, Decree No. 9,050/2017 e Decree No. 2,444/1997.

Highway– BR-153/080/414/GO/TO

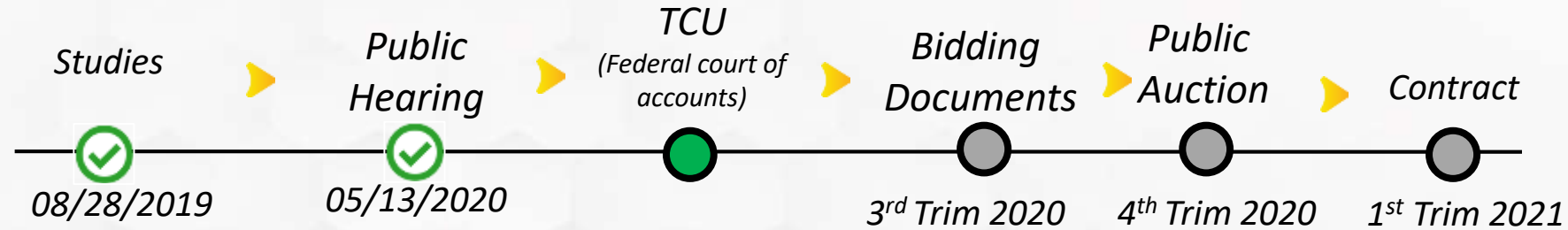
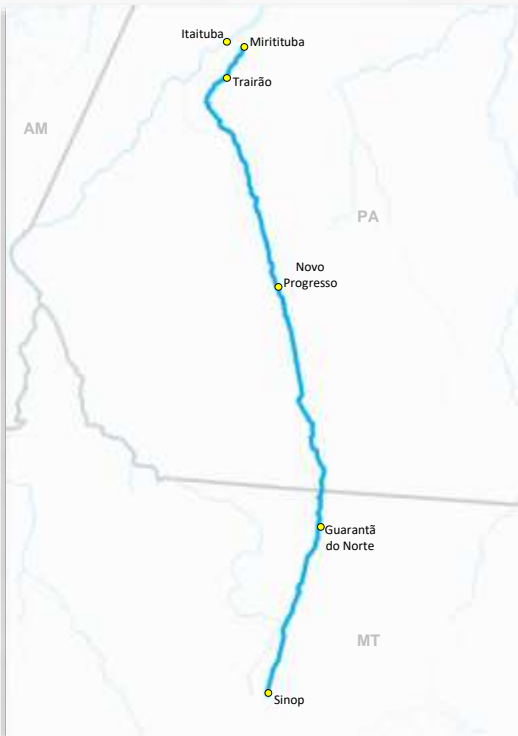
Concession of 850.7 km of BR-153/080/414 from Anápolis/GO to Aliança do Tocantins/TO.



- Length: 850.7 km
- Traffic: 49 thousand (Year 2)
- Expected Investment: CAPEX: R\$ 8.46 billion | OPEX: R\$ 6.17 billion
- Jobs created throughout the concession contract: estimated 162.249 (direct, indirect and income effect)
- Concession term: 30 years
- IRR (Internal Rate of Return): 8.47%
- Auction Criterion: lowest fare (limited discount: 16.25%) and highest grant as a tiebreaker criterion.
- Fare: Single Track R\$ 12.67/100 km, Double Track R\$ 16.43/100 km.
- Importance: Currently considered one of the main highways of national integration in Brazil, BR-153 connects the mid-North of Brazil (Tocantins, Maranhão, Pará and Amapá) with the Center-South of the country.
- **PPI Qualification:** PPI Resolution No. 14/2017, Decree No. 9,972/2019, PPI Resolution No. 52/2019 (PND), Decree No. 8.54/2013 (PND).

Highway – BR-163/230/MT/PA

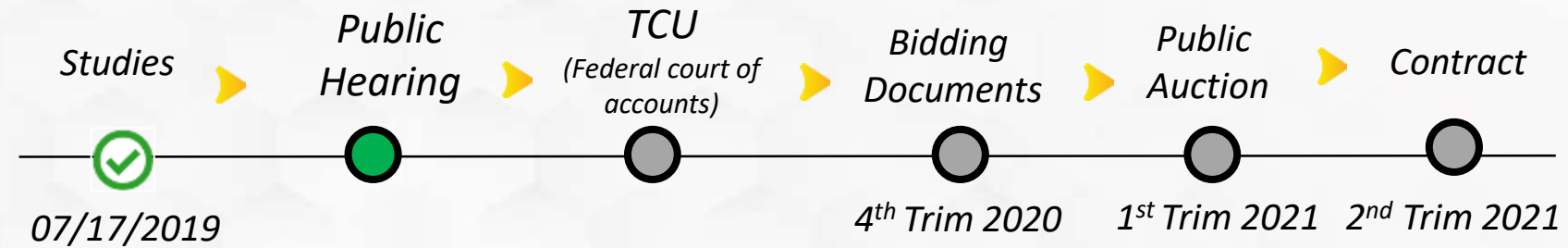
Concession of 970 km of BR 163/230 from Sinop/MT to Miritituba/PA.



- Length: 970 Km.
- Traffic: 7 thousand (year 2)
- Expected Investment: R\$ 1.895 billion | OPEX: R\$ 1.018 billion
- Jobs created throughout the concession contract: estimated 36.343 (direct, indirect and income effect)
- Concession term: 10 years.
- IRR (Internal Rate of Return): 8.47%
- Auction criterion: lower fare
- Fare R\$ 8,97/100 km
- Importance: It will improve the quality of the road, attracting the flow of grain production. It aims to minimize investments and operating costs, in order to make it feasible, considering the expectation of Ferrogrão's start of operations.
- **PPI Qualification:** Resolution No. 52 of May 8, 2019 e Decree No. 9,972/2019.

Highways – BR-381/262/MG/ES

Concession of 672 km of BR 381/262 from Belo Horizonte/MG to Governador Valadares/MG and Viana/ES.



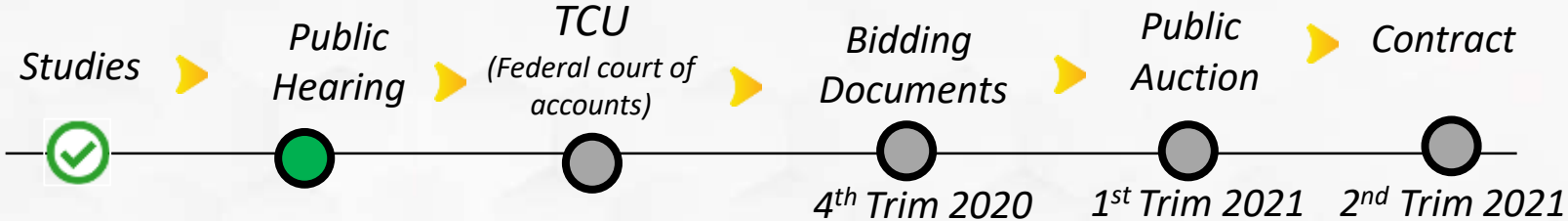
- Length : 672,17 Km
- Traffic: 110,5 thousand (year 2)
- Expected Investment: CAPEX: R\$ 9.8 billion | OPEX: R\$ 5 billion
- Jobs created throughout the concession contract: estimated 187.948 (direct, indirect and income effect)
- Concession term: 30 years
- IRR (Internal Rate of Return): 8.47%
- Auction criterion: lower fare (limited discount) and higher grant as a tiebreaker
- Fare: R\$ 13,33 (single lane) and R\$ 17,33 (double lane)
- Importance: BR-262 connects ES (Espírito Santo) and MG (Minas Gerais), connecting Belo Horizonte and Vitória and cutting through municipalities specialized in different agricultural products, in addition to livestock. BR-381 is a corridor for the disposal of industrial products, cutting through Vale do Aço.
- **PPI Qualification:** Resolution No. 52 of May 8, 2019 e Decree No. 9,972/2019.

Notice published:

<https://participantt.antt.gov.br/Site/AudienciaPublica/VisualizarAvisoAudienciaPublica.aspx>

Highways – BR-116/101/SP/RJ (Dutra)

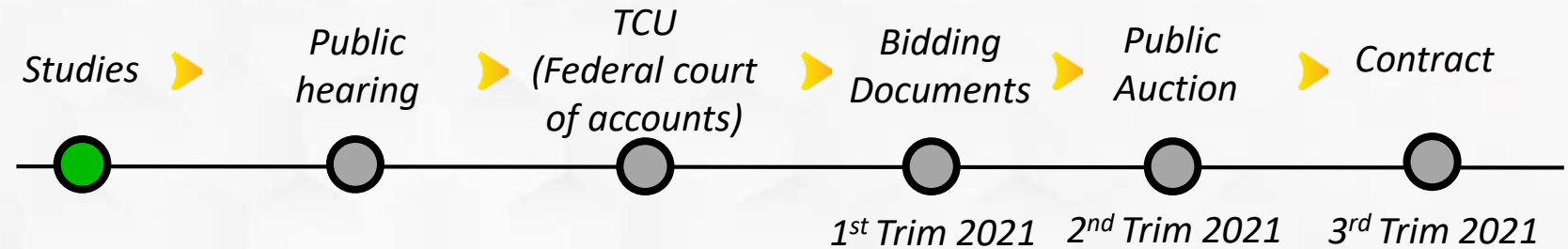
Concession of 598.5 km of BR-116/101/SP/RJ from Rio de Janeiro/RJ to São Paulo/SP



- Length: 598.5 km
- Traffic: 286 thousand (year 3)
- Expected Investment: CAPEX: R\$ 17 billion OPEX: R\$ 15 billion
- Jobs created throughout the concession contract: estimated 341.793 (direct, indirect and income effect)
- Concession term: 30 years
- IRR (Internal Rate of Return): 8.47% (still fare with 9.2%)
- Auction criterion: lower fare (limited discount) and higher grant as a tiebreaker
- Fare: BR-116 - R\$ 13,82 (double lane)
BR-101 - R\$ 6,77 (single lane) e R\$ 9,67(double lane).
- Importance: It connects the two largest metropolitan regions in the country (Rio de Janeiro and São Paulo). In addition, it is part of the main link between the Northeast and the South, cutting through 34 cities.
- **PPI Qualification:** Resolution No. 10/2017, Decree No. 9,059, of May 25, 2017, Resolution No. 52/2019, Decree No. 9,117/2019 e Decree No. 9 972/2019

Highway – BR-470/282/153/SC

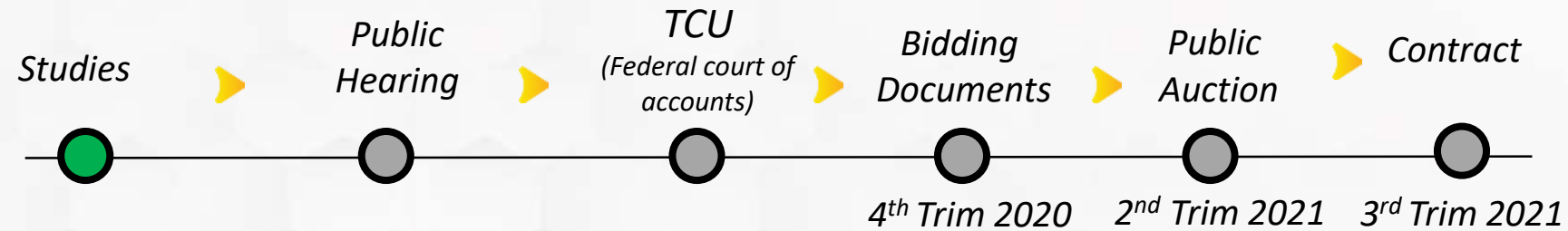
Concession of 502.10 km of BR-470/282/153 from Navegantes/SC to the State line of RS/SC



- Length: 502.1 km
- Expected Investment: CAPEX: R\$ 8 billion OPEX: under study
- Jobs created throughout the concession contract: estimated 160.844 (direct, indirect and income effect)
- Concession term: 35 years
- IRR (Internal Rate of Return): 8.47%
- Auction criterion: lower fare (limited discount) and higher grant as a tiebreaker
- Fare: under study
- Importance: It is a segment that intercepts more than 20 municipalities and, along the road axes involved, products circulate to the ports of Paranaguá/PR, Itajaí/SC and Santos/SP, in addition to supplying important cities in the states of PR (Paraná), SC (Santa Catarina), RS (Rio Grande do Sul), SP (São Paulo), MS (Mato Grosso do Sul), GO (Goiás) and MG (Minas Gerais).
- **PPI Qualification:** Resolution No. 44 of July 2, 2018, Decree No. 9,972/2019 Decree No. 2,444/1997 e Decree No. 8,575/2015.

Highways – BR-116/493/RJ/MG (CRT)

Concession of 711 km of BR-116/RJ from Além Paraíba to BR-040



- Length: 711 km
- Traffic: 125 thousand (year 2)
- Expected Investment: CAPEX: R\$ 7.9 billion OPEX: R\$ 7.3 billion
- Jobs created throughout the concession contract: estimated 158.834 (direct, indirect and income effect)
- Concession term: 30 years
- IRR (Internal Rate of Return): 8.47% (still fare with 9.2%)
- Auction criterion: lower fare (limited discount) and higher grant as a tiebreaker
- Fare: BR-116 - R\$ 12,08 (single lane) and R\$ 15,70 (double lane)
Magé e Itaboraí - R\$ 8,64 (single lane) and R\$ 11,23 (double lane)
- Importance: It is the only route, from the city of Rio de Janeiro, to bypass Guanabara Bay, allowing access to the Lagos region, in the north of the state, and to the North and Northeast regions of Brazil.
- **PPI Qualification:** Resolution No. 10/2017, Decree No. 9,059, of May 25, 2017
Resolution No. 52 of May 8, 2019, Decree No. 9,972/2019 .



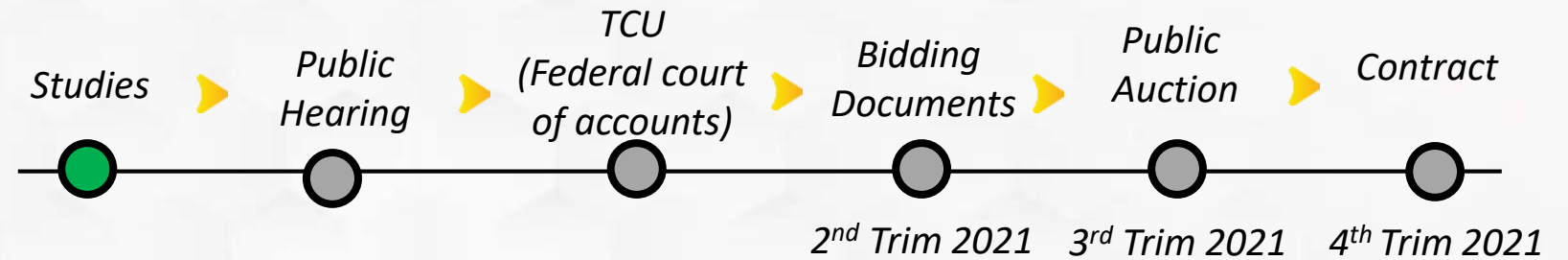
Highways - Integrated Highways of Paraná

Paraná Highways. Total Extension: 4,114 km; Federal Extension: 2,806 km



Integrated Highways Paraná

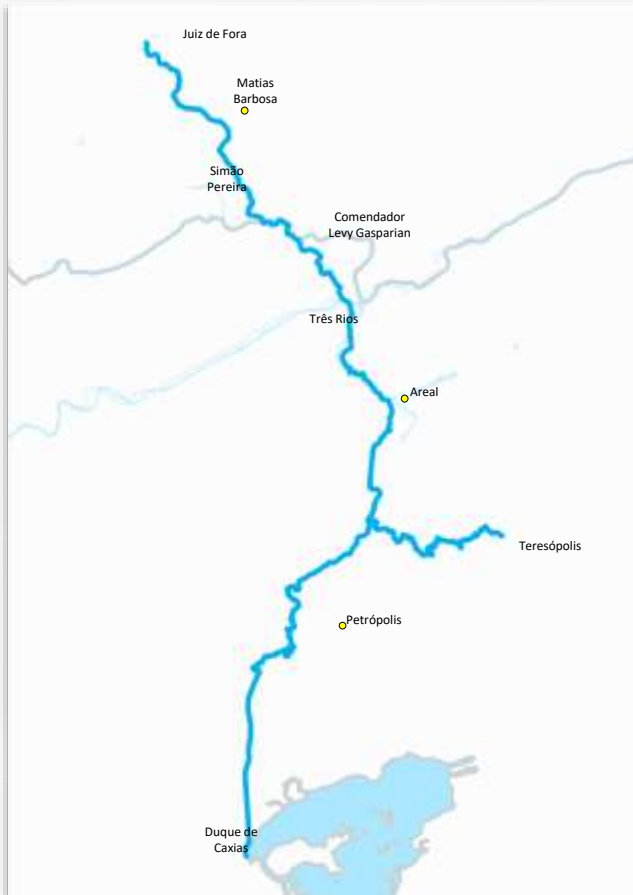
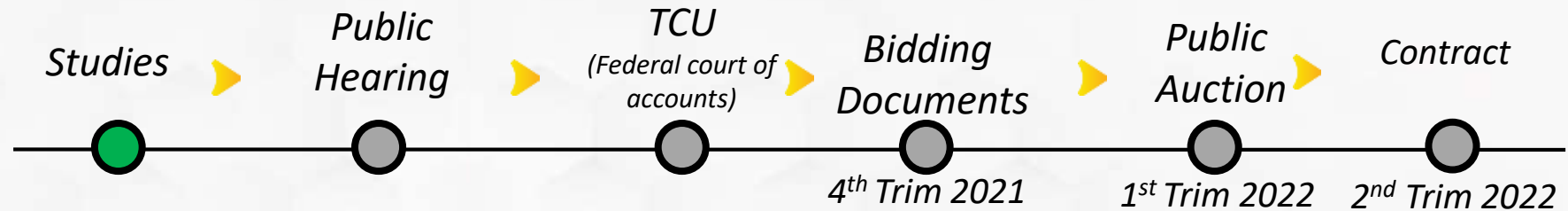
- Lot 1
- Lot 2
- Lot 3
- Lot 4
- Lot 5
- Lot 6
- Lot 7
- Lot 8



- Length: 4,114 km;
- Expected Investment: CAPEX: R\$ 33.6 billion
- Jobs created throughout the concession contract: estimated 675.543 (direct, indirect and income effect)
- IRR (Internal Rate of Return) : 8.47%
- Importance: The stretches involved interconnect the port of Paranaguá, the Metropolitan Region of Curitiba (29 municipalities), the western and northern regions of the State and the Friendship Bridge, on the border with Paraguay.
- **PPI Qualification:** Resolution No. 52 of May 8, 2019, Decree No. 9,972/2019.

Highways – BR-040/495/MG/RJ (Concer)

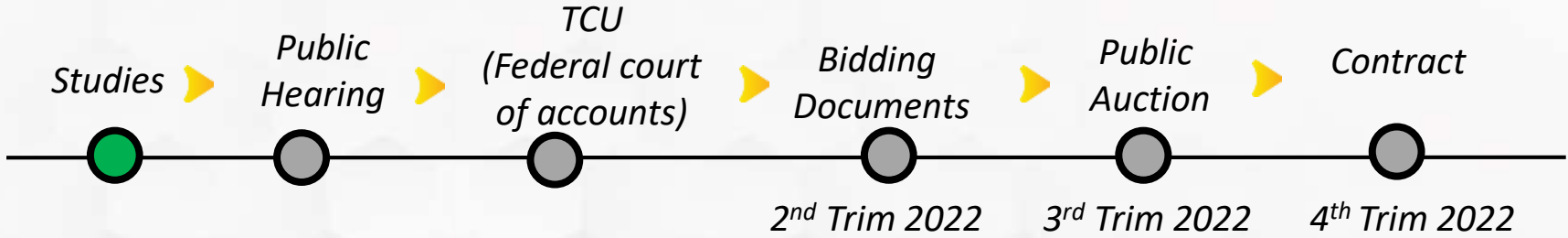
Concession of 211km of BR-040/495/MG/RJ from Juiz de Fora/MG to Rio to Janeiro/RJ



- Length: 211 km
- Traffic: 44 thousand (year 2)
- Expected Investment: CAPEX: R\$ 3.1 billion OPEX: R\$ 3.2 billion
- Jobs created throughout the concession contract: estimated 62.327 (direct, indirect and income effect)
- Concession term: 30 years
- IRR (Internal Rate of Return): 8.47% (still fare with 9.2%)
- Auction criterion: lower fare (limited discount) and higher grant as a tiebreaker
- Fare: R\$ 16,01 (single lane) and R\$ 20,82 (double lane)
- Importance: It connects Rio de Janeiro and Juiz de Fora/MG. Main highway corridor between the states of MG (Minas Gerais) and RJ (Rio de Janeiro), as well as a relevant section on the radial highway that connects BSB (Brasília International Airport) and RJ (Rio de Janeiro).
- **PPI Qualification:** Resolution No. 10/2017, Decree No. 9,059, of May 25, 2017, Resolution No. 52/2019, Decree No. 9,117/2019 .

Highways – 7.200km

Studies for the concession of road sections that encompass 7,213.7 km in 14 Brazilian states



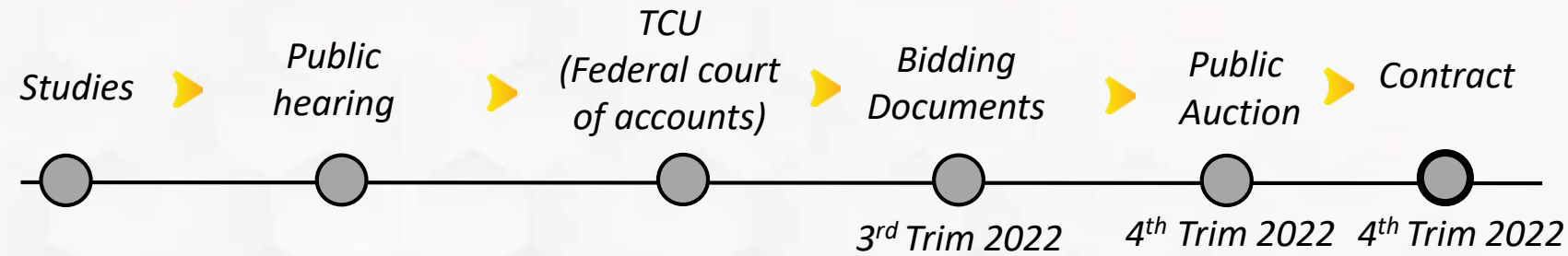
- Length: 7,213.7 km.
- Expected Investment: R\$ 53.6 billion
- Jobs created throughout the concession contract: estimated 1.077.652 (direct, indirect and income effect)
- Importance: The stretches involved are of strategic importance and of the 15 stretches evaluated, 11 have trunk character, composing strategic logistic vectors, responsible for the flow of national production, whether of commodities or manufactured products, in the domestic market or to the foreign market, and only two have supplying character: i) BR-116/304/CE/RN and BR-232/PE.

Resolution No. 52 of May 8, 2019, Decree No. 9,972/2019.

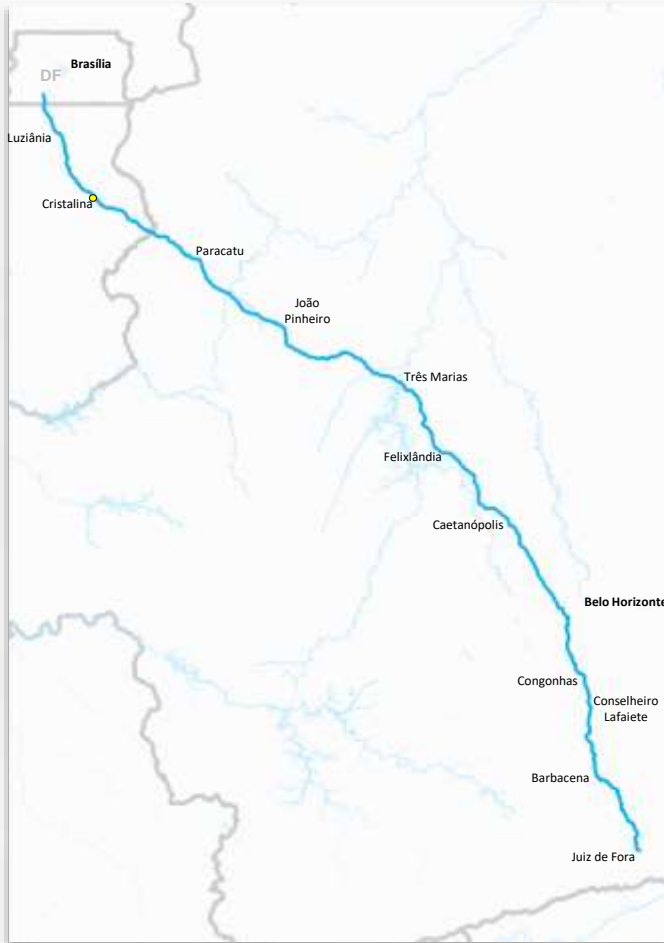
Code	Project	Starting at	Endind at	Length (KM)
1	BR-101/BA/SE/AL/PE/PB/RN	Divisa ES/BA	Natal-RN	1835,00
2	BR-116/304/CE/RN	Natal-RN	Fortaleza-CE	533,00
3	BR-116 BA/PE	Feira de Santana-BA	Salgueiro-PE	495,00
4	BR-230/PB	João Pessoa-PB	Campina Grande-PB	128,00
5	BR-116/MG	Governador Valadares-MG	Divisa MG/BA	409,00
6	BR-251/MG	Montes Claros-MG	Entroncamento BR-116/MG	342,00
7	BR-020/DF/GO/BA	Planaltina-DF	Barreiras-BA	587,00
8	BR-116/290/RS	Camaquã-RS	Pântano Grande-RS	229,00
9	BR-158/392/RS	Panambi-RS	Santana da Boa Vista-RS	321,00
10	BR-232/PE	Recife-PE	Arco Verde-PE	248,00
11	BR-452/GO	Rio Verde-MG	Entr. BR-153	199,00
12	BR-364/060/MT/GO	Rondonópolis-MT	Goiânia-GO	718,00
13	BR-235/SE	Entroncamento com a BR101 (Aracajú-SE)	SE175 (Itabaiana-SE)	55,40
14	BR-282/SC	Entr. BR-101(B) (Palhoça)	Entr. BR-470(A)	310,30
15	BR-364/MT/RO	Comodoro-MT	Porto Velho-RO	804,00
		TOTAL		7213,70

Highways – BR-040 (DF/GO/MG)

Brasília/DF
Juiz de Fora/MG

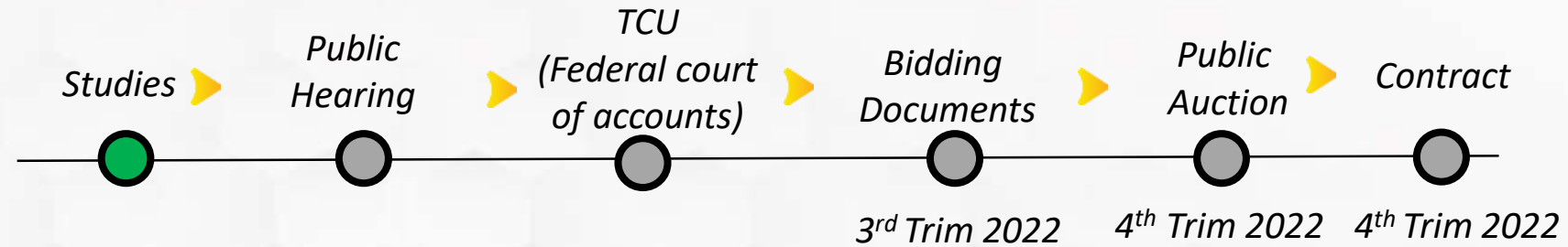


- Length: 936,8 km
- Expected Investment: R\$ 7.4 billion. OPEX: R\$ 3.3 bilhões
- Jobs created throughout the concession contract: estimated 148.780 (direct, indirect and income effect)
- Concession term: 30 years
- IRR (Internal Rate of Return): 7.2%
- Auction criterion: lower fare (R\$ 3,22528) – Discount: 61,13% (ceiling rate: R\$ 8,29763)
- Winning parent company: INVEPAR – Investimentos e Participações em Infraestrutura S.A.
- Importance: The priority of the project is due to the declared inability of the current concessionaire to comply with the obligations originally assumed. The section of BR-040/DF/GO/MG, object of this relitigation process, connects the Federal District, Belo Horizonte and the section of BR-040 already granted to CON CER, which in turn reaches the Metropolitan Region of Rio de Janeiro, playing a fundamental role within the national road network, as it constitutes the main link between the Midwest region and the states of Goiás, Minas Gerais and Rio de Janeiro. 11 equidistant toll plazas in 78 km.
- **PPI Qualification:** Resolution No. 105/2020; Resolution No. 117/2020; Decree No. 10.248/2020.



Highways – BR-158/155/MT/PA

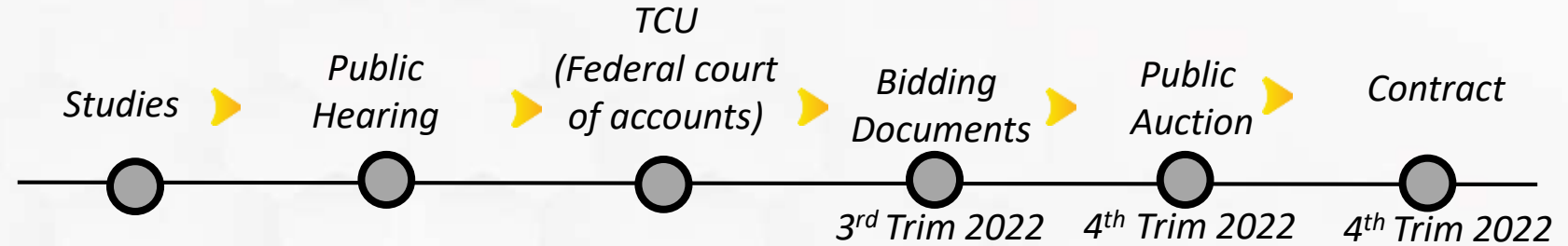
Ribeirão Cascalheira/MT
Marabá/PA



- Length: 1,135.1 km
- Traffic: under study
- Fare: under study
- Importance: To promote logistics in the Northeast region of MT (Mato Grosso), which shows significant growth in agricultural production and is currently the second largest in the State in the production of soybeans and corn, contributing to the regional development of the Midwest and North of the country, where there are important highways.
- **PPI Qualification:** Resolution PPI No. 104/2019.

Highway – BR -135/316/MA

BR-135/MA -
Peritoró/MA -
Timon/MA



Length: 438 km

Traffic: under study

Expected Investment: CAPEX: under study OPEX: under study

Fare: under study

Importance: The priority of the project is to promote logistics in the region between the cities of São Luís/MA and Teresina/PI, linking the region considered the great national agricultural frontier of recent times, which presents expressive growth in agricultural production mainly of soy and corn, contributing to the regional development of the North and Northeast of the country, where there are important federal highways. Agricultural production in the region called Matopiba, comprises the Cerrado biome of the states of Maranhão, Tocantins, Piauí and Bahia and accounts for a large part of the Brazilian production of grains and fibers. The main crop in the main producing regions of Matopiba is currently concentrated on soybeans, but other crops such as corn, rice and cotton also play an important role. The improvement of land transport logistics will offer facilities for transporting agricultural production, as well as the use of other modes and the feasibility of exporting production through the port complexes of Itaqui (São Luís/MA), and also of Arco Norte, in Vila do Conde (Belém/PA), being an important logistics corridor for the Midwest. One of the great differentials of the mentioned ports is their location close to the markets of Europe, North America and the Panama Canal, where it is possible to reach the countries of Asia more quickly.



PPI Qualification: Qualified in the 12th meeting of the CPPI, on 06/10/2020.



Railways

Partnership Projects

Railways – Project Portfolio

Projects: By the Numbers

R\$ 45,51 bi:

- new :
 - 11,7bi (Fiol + Ferrogrão)
- renew:
 - 31,11bi
- cross investments - FICO from EFVM grant renew
 - 2,7bi

12.541 Km:

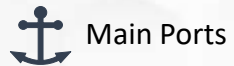
- news - 1.470 km
- renew - 11.071 km*
- *383km - FICO

FNS- Extension: 1.537 km
R\$ 2,719 bi (Grant)
R\$ 2,72 bi investment)

RMP – Extension: 1.989 km
R\$ 5,78 bi

Projectos

- Current concession/Auction
- Contract Extension
- Qualified



Main Ports

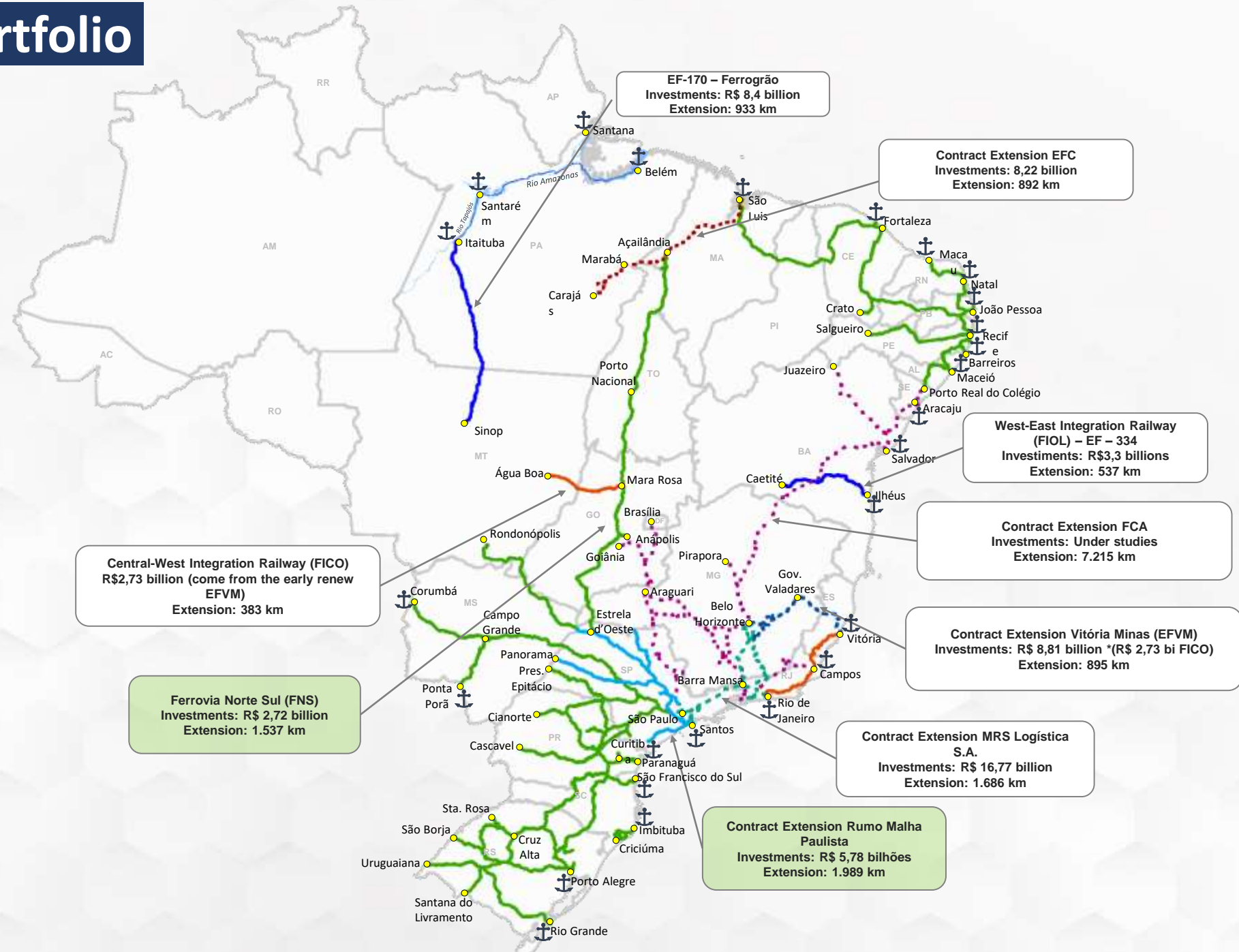
Qualified for renewals:

Dealers

- EFVM
- FCA
- MRS
- RMP
- EFC

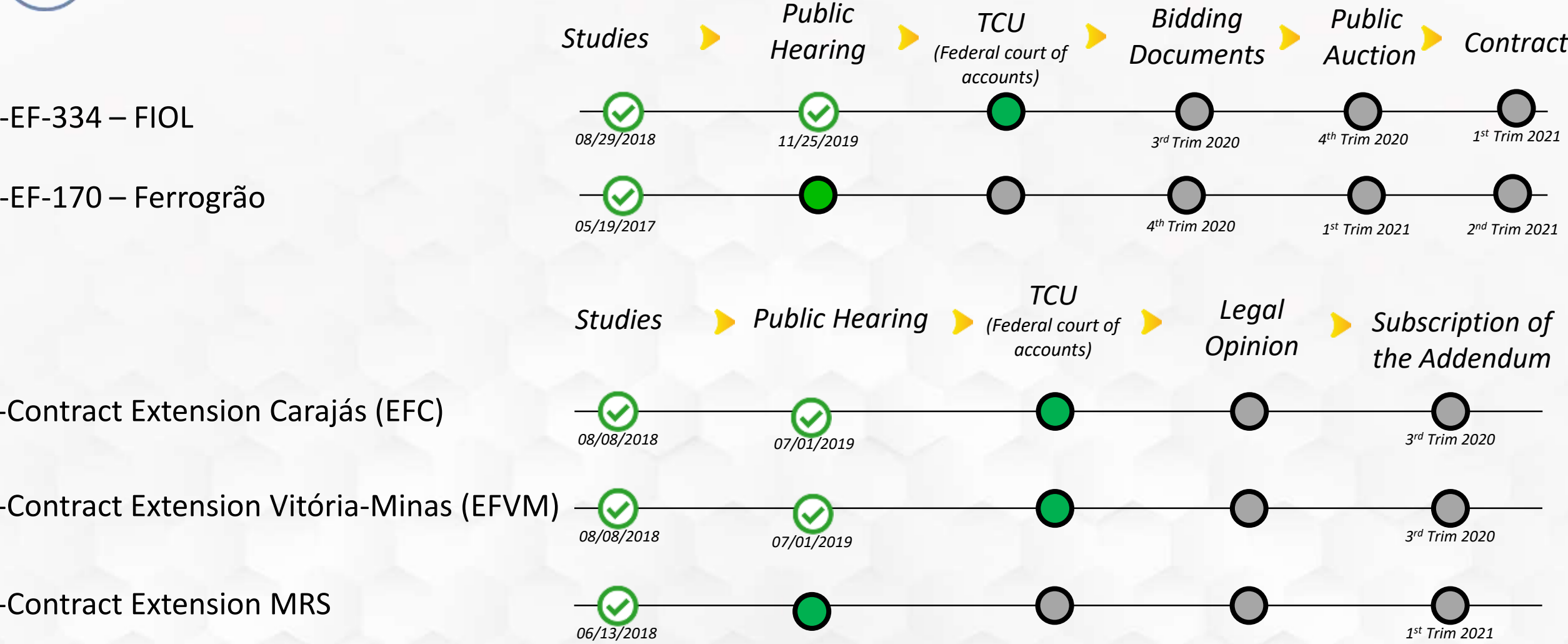
Cross Investment

- FICO





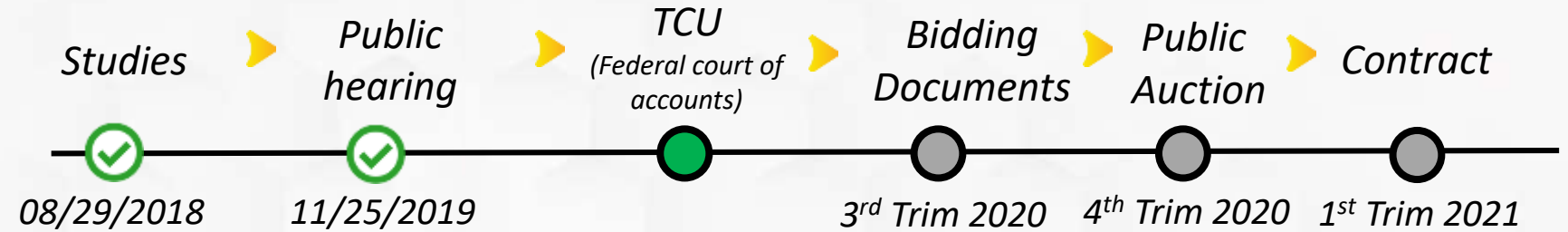
Railways – Project Portfolio



Completed
 In progress
 To be performed

West-East Integration Railway (FIOL) – EF-334/BA

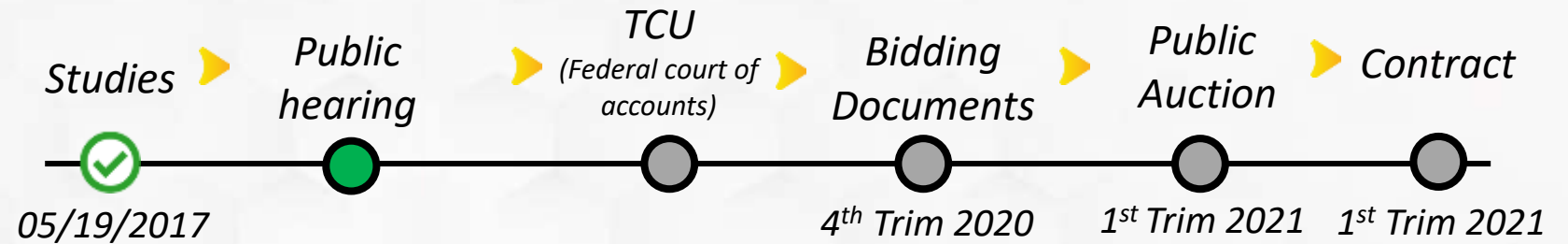
EF-334
Ilhéus-BA - Caetité-BA



- Length: 537 km.
- Demand: 17 million tons in 2024 and 34.4 million in 2054 (under analysis).
- Expected Investment: R\$ 3,3 billions, of which R\$ 1,6 billion to complete the works
- Jobs created throughout the concession contract: estimated 63.290 (direct, indirect and income effect).
- Subconcession term: 30 years.
- Auction Criteria: Highest grant amount (R\$ 143,43 millions, minimum under analysis)
- IRR: 11,04%.
- Brownfield rail project linking the starting point in the city of Ilhéus (BA) with the arrival point in the city of Caetité/BA, with an approximate length of 537 km. It will drain iron ore produced in the region of Caetité/BA and the production of grains and ore from western Bahia (Minas da Bahia Mineração - BAMIN) through Porto Sul, a port terminal to be built near the city of Ilhéus / BA. It may establish the connection of this port with the North-South Railway (FNS) in the future.
- **PPI Qualification**: Decree No. 8,916, of november 25, 2016.

Railway EF-170 – MT/PA - Ferrogrão

EF-170
Lucas do Rio Verde/MT –
Sinop/MT – Itaituba/PA



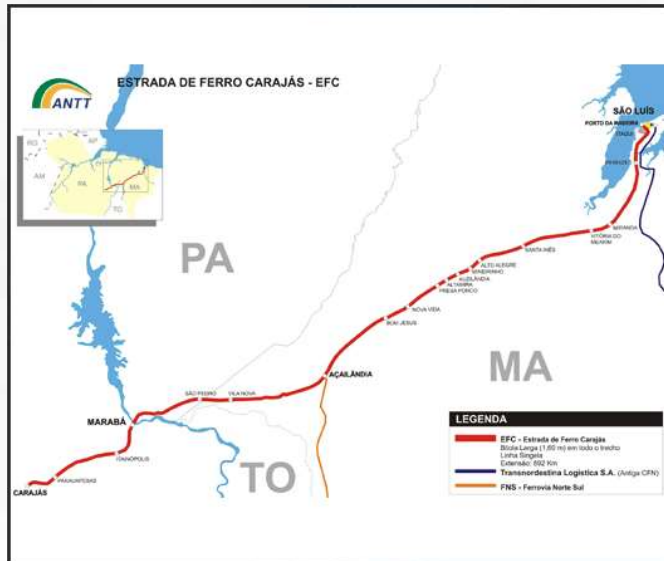
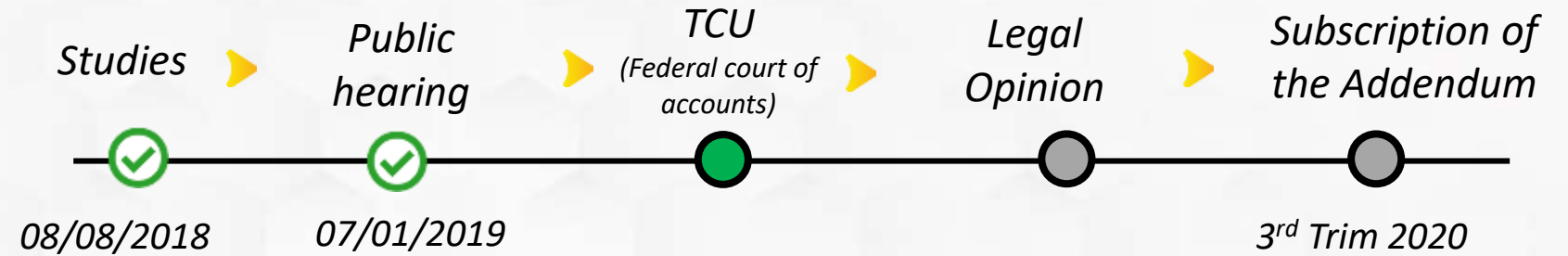
- New rail corridor for export by Arco Norte.
- Length: 933 Km.
- Demand: expected cargo of 25 million tons in 2020 and 42 million tons in 2050 (under analysis).
- Expected Investment: R\$ 8,4 billion.
- Jobs created throughout the concession contract: estimated 161.098 (direct, indirect and income effect).
- Concession term: 65 years, will start operations in 2030.
- Auction Criteria: Highest grant amount (under analysis).
- IRR: 11,04%
- Greenfield project for the construction of a railway that will connect the starting point in the city of Sinop (MT) to the finishing point in the city of Miritituba (PA), with an approximate length of 933 km. It aims to improve the flow of agricultural production from the Midwest through connection to the port of Miritituba in the state of Pará.
- **PPI Qualification:** Resolution No. 2 of September 13, 2016.

Public hearing:

- http://antt.gov.br/participacao_social/audiencias/0142017.html

Carajás Railway Renewal (EFC)

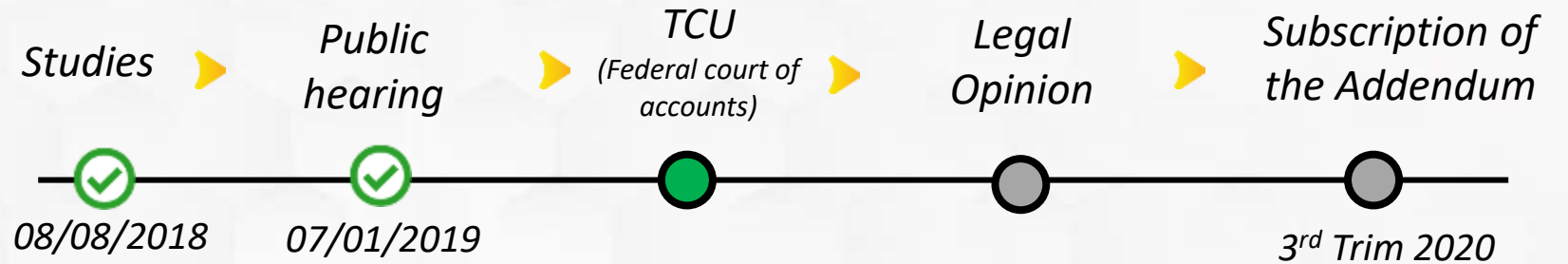
Estrada de Ferro Carajás (EFC)



- Length: 892 km.
- Forecast Grant: R\$ 231,31 million.
- Expected Investment: R\$ 8,22 billion (ANTT source).
- Jobs created throughout the concession contract: estimated 157.647 (direct, indirect and income effect).
- Contract term: extension for another 30 years.
- The main goods handled in 2016, in thousands of usable tons, were: iron ore (151,605), manganese (1,600), pig iron (845), fuel (716) and copper (463).
- **PPI Qualification:** Decree No. 9,059, of May 25, 2017.

Vitória Minas Railway Renewal (EFVM)

Estrada de Ferro Vitória Minas (EFVM)



- Length: 895 km.
- Expected Investment: R\$ 6,08 billion
- Forecast Grant: R\$ 4,25 billion. (Including R\$ 2,73 billion from the partial construction of FICO - ANTT source).
- Expected Investment: R\$ 6,08 billion
- Jobs created throughout the concession contract: estimated 116.605 (direct, indirect and income effect).
- Contract term: extension for another 30 years.
- The main goods handled in 2016, in thousands of usable tons, were: iron ore (116,228), steel products (4,535), mineral coal (3,878), pulp (1,132), logs of wood (844), pig iron (758), potassium chloride (585), coke (298) and anthracite (243).
- **PPI Qualification:** Decree No. 9,059, of May 25, 2017.

Central-West Integration Railway (FICO)

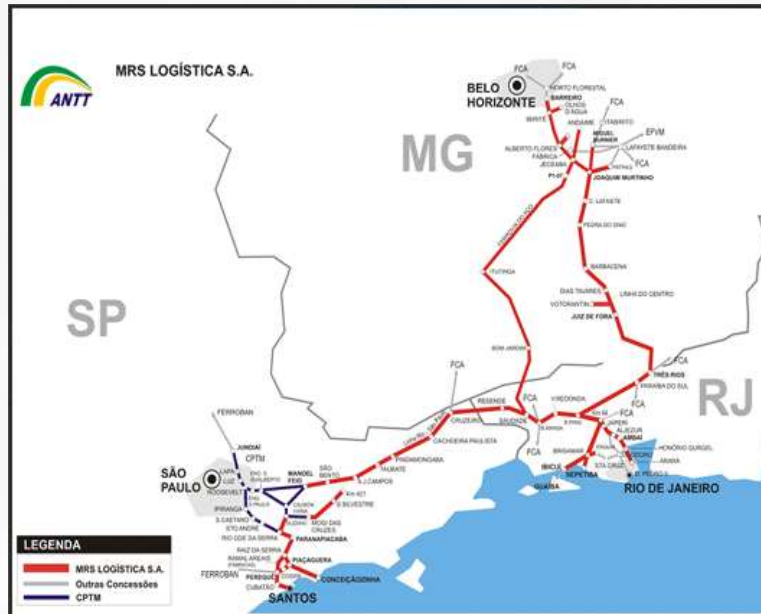
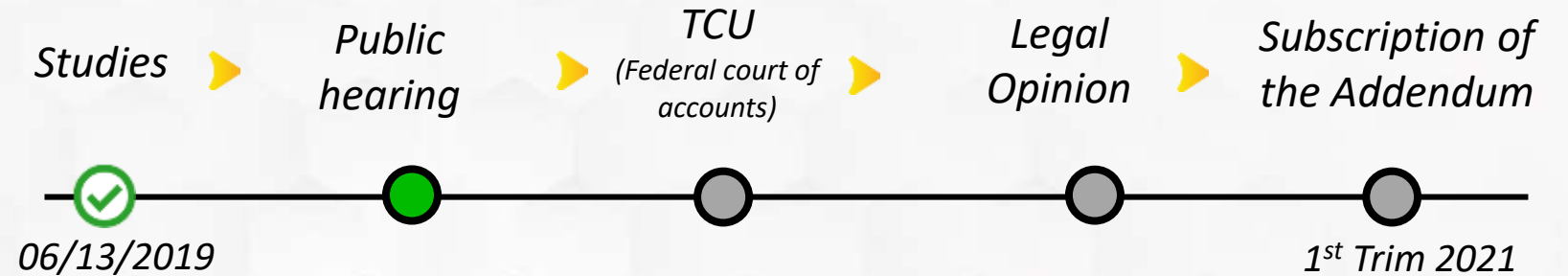
EF-354
Mara Rosa/GO
– Água Boa/MT



- Length: 383 km.
- Expected Investment: R\$ 2,73 billion (ANTT source)
- Jobs created throughout the concession contract: estimated 116.605 (direct, indirect and income effect).
- Execution: It shall be offset against the grant amount in the early extension of the EFVM
- Aims to drain grain production from the region of Água Boa/MT towards the ports of Santos/SP, Itaquí/MA and, in the future, Vila do Conde/PA. Investments arising from the renewal of the contract with the Vitória Minas Railway (EFVM)
- **PPI Qualification:** Resolution No. 41 of July 2, 2018.

MRS Logística S.A. Railroad Renewal

MRS Logística S.A.



- Length: 1,686 km
- Forecast Grant: R\$ 2,07 billion.
- Expected Investment: R\$ 16,77 billion (ANTT source).
- Contract term: extension for another 30 years.
- The main goods handled in 2016, in thousands of usable tons, were: iron ore (123,850), steel products (5,170), sugar (3,103), cement (1,586), mineral coal (1,489), coke (943), loaded container (879), bauxite (856), cellulose (773), sand (770), pig iron (651), salt (263), soy (254) and steel limestone (204).
- **PPI Qualification:** Decree No. 9,059, of May 25, 2017.

PROJECTS PIPELINE

2020

2021

2022



6th Round of Concessions:
Blocks SOUTH (9), NORTH I (7) and CENTRAL (6)
Viracopos; Disposal of Infraero Shares in
Guarulhos/SP, Brasília/DF, Galeão/RJ and Confins/MG
São Gonçalo de Amarante/RN
Total 28 airports | Total R\$ 6.72 Bi

7th Round of Concessions:
Blocks RJ-MG (7), NORTH II (7) and SP-MS (5)
Total 19 airports | At least R\$ 5.28 Bi



Leasings :
Aratu/BA (2), Itaqui/MA (4), Santos/SP (2),
Maceió (1), Paranaguá/PR(1), Santana/AP(1)
Total 11 terminals | At least R\$ 1.35 Bi

Leasings :
Santos/SP (2), Maceió (3), Paranaguá (2),
Vila do Conde/PA (1), Areia Branca/RN (1), Mucuripe/CE (1)
Privatization CODESA
Total 1 Port and 10 terminals | At least R\$ 3.28 Bi

Privatization
São Sebastião, Organized Port of Santos and Port
of Itajaí
Total 3 Ports | Total R\$ 2.07 Bi



Concessions:
BRs 101/SC(220,4 km) ,
153/080/414/GO/TO (850,7 km),
163/230/MT/PA(970km)
Total 2,041.1 km | Total R\$ 13.75 Bi

Concessions:
116/SP/RJ (Dutra) (598,5 km), 381/262/MG/ES(672km), BR-
116/493/RJ/MG (CRT) (711km), 470/282/153/SC (502,10 km),
Highways Paraná Integrated (4,114 km)
Total: 6,597.6 km | At least R\$ 76.30 Bi

Concessions:
040/495/MG/RJ (Concer) (211 km), 7.213 km
Estudos (BNDES); BR-040/DF/GO/MG (936,8);
BR-158/155/MT/PA (1.135 km);BR-135/316/MA(438)
Total 9,933.80 km | At least R\$ 56.7 Bi



Concessions: FIOL Ilhéus/Caetité (537 km)
Renewal : EFC (892 km), EFVM (895 km); Rumo MP
(1.989 km)With cross investment in: FICO – Mara
Rosa/Água Boa (383 km)
Total 4,696 km | At least R\$ 26.12 Bi

Renewal : MRS (1.686 km)
Concession: Ferrogrão (933 km)
Total 2,619 km | At least R\$ 25.17Bi

Renewal: FCA (7.215 km), Rumo Malha Sul (7.265
km) e Malha Oeste (1.945 km)
Concessions: FIOL – Caetité/Barreiras/Figueirópolis
(1.005 km)
Total 17,430 km | At least R\$ 8.1 Bi



MINISTÉRIO DA
INFRAESTRUTURA



PÁTRIA AMADA
BRASIL
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