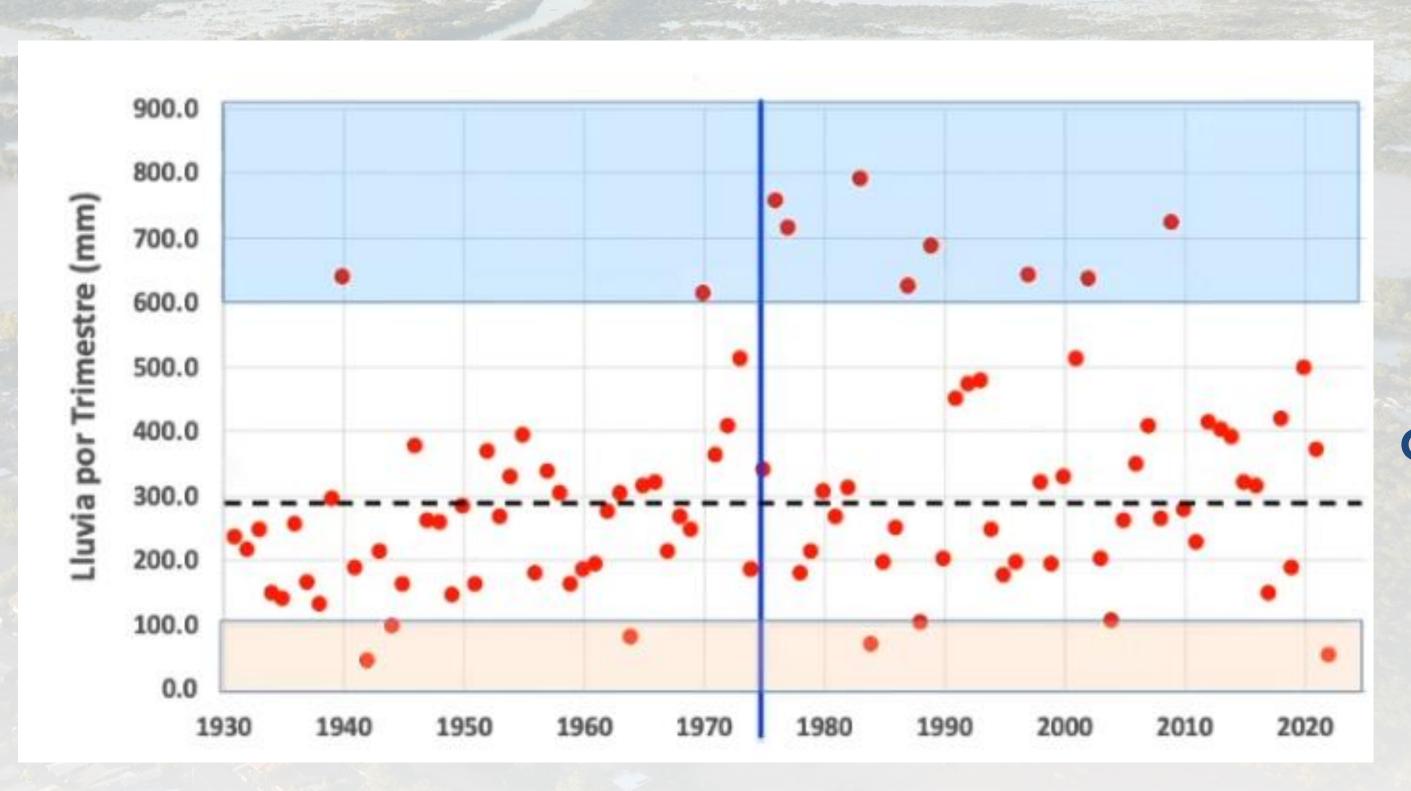


MUDANÇAS DA CHUVA NO URUGUAI: TENDÊNCIA E VARIABILIDADE

MÉDIA DOS ÚLTIMOS NOVENTA ANOS: 300 mm NO TRIMESTRE



MAIS QUE O DOBRO

CHUVA MAIS VARIÁVEL (MAIS EVENTOS EXTREMOS)

TRÊS VEZES MENOS



The State faced 10 **EXTREME CLIMATE EVENTS** in less than a year

June 15, 2023 Caraá e Maquiné July 13, 2023 Sede Nova Sept. 2-6, 2023 Vale do Taquari Sept. 23, 2023 Bagé Sept. 26-29, 2023 Rio Grande e Pelotas

October 4, 2023
São Borja,
Itaqui,
Uruguaiana

November 3, 2023 Barra do Rio Azul November 17, 2023 Vale do Taquari, do Caí e Serra January 17-18, 2024 Vales e RMPA

2024 Centro, Vales, Serra e RMPA

April to May,



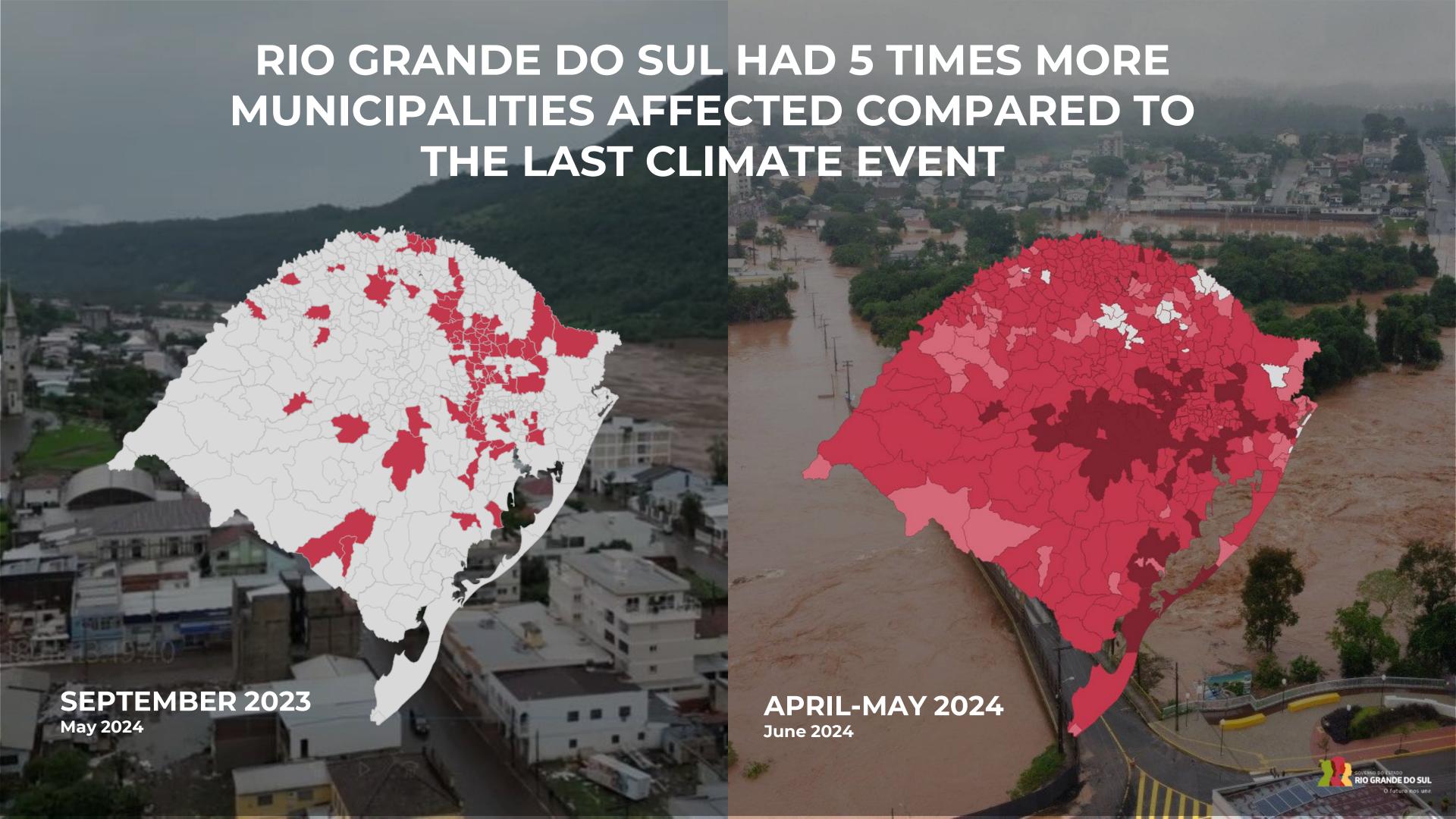
95% OF OUR MUNICIPALITIES WEREAFFECTED

- 95 in calamity
- **323 in imergency**
- 59 affected

Civil Defence- 06/06, 9h. State Decree n 57.646, 05.30.2024

Affected municipalities: 478























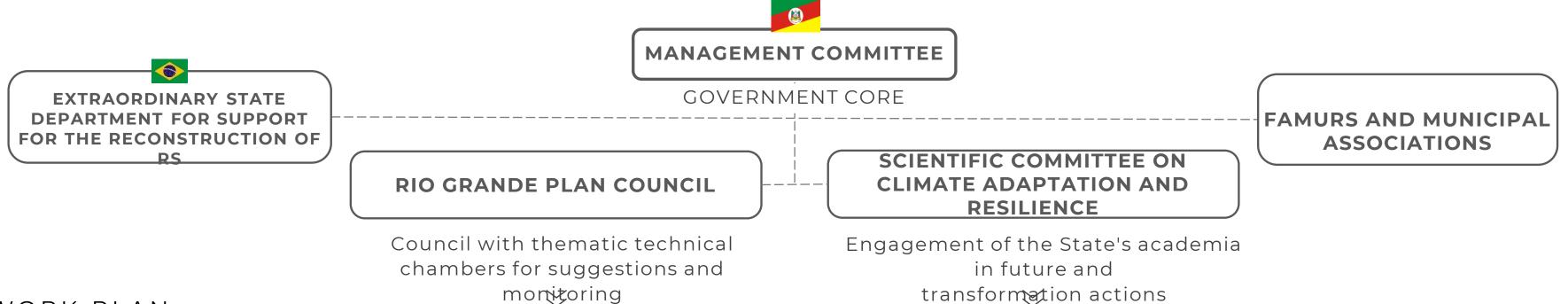






GOVERNANCE OF THE RIO GRANDE PLAN

Climate Innovation, Adaptation and Resilience Guidelines



WORK PLAN

EMERGENTIAL

SHORT-TERM ACTIONS

Response actions, humanitarian aid and immediate restoration of essential services, consolidated in a service portfolio and contingency protocols for prompt mobilization.

SOCIAL **ASSISTANCE**

SECURITY

PUBLIC SERVICES

CRISIS **OFFICE**

RECONSTRUCTION

MEDIUM-TERM ACTIONS

Actions to reconstruct physical structures and recover economic activity, employment and the well-being of the population, on resilient bases, consolidated in a portfolio of services and projects that are continuously monitored

HOUSING

INFRA STRUCTURE **ECONOMIC** RECOVERY

RIO GRANDE DO SUL OF THE FUTURE

LONG-TERM ACTIONS

Actions to (re)construct long-term infrastructure, to strengthen community resilience and to achieve economic diversification, consolidated in a sustainable economic development plan, in action plans and in a portfolio of services and projects that are continuously monitored

> SUSTAINABLE ECON. DEVELOP. PLAN

VISION OF THE FUTURE

MAPPING OF RESOURCE OPPORTUNITIES

ACTIONS FOR RAISING RESOURCES

Structuring and creating appropriate channels for raising and receiving public and private resources for the reconstruction and transformation of the State, ensuring governance, transparency and ongoing accountability.

STRATEGIC MONITORING OF THE EXECUTION OF WORK FRONTS

GOVERNANCE OF THE RIO GRANDE PLAN

Climate Innovation, Adaptation and Resilience Guidelines

ENVIRONMENT





GOVERNMENT CORE

RIO GRANDE PLAN COUNCIL

179 representatives

SCIENTIFIC COMMITTEE ON CLIMATE ADAPTATION AND RESILIENCE

44 scientists



(06.13.2024)



(06.26.2024)





STRUCTURING PROJECTS OF THE RIO GRANDE PLAN

PRE-DISASTER

RESILIENCE

Protection and adaptation of the cities and infrastructure. Economy.



RIOS Project: Resilience, innovation and projects for the future of RS



Flood protection system



Desilting of rivers and streams



Nova urbanização de cidades



Solutions for resilience of municipalities



Municipalities Partnership and Resilient Infrastructure Program



Universal basic sanitation

Economic activation

PREPARATION

Mapping, monitoring, alert, response and contingency forces



Topographic mapping of the state



More advanced monitoring systems



Strengthening of the Civil Defense structures and of the response forces



Culture of prevention and guidance in risk situations



Insurance for projects in risk areas

POST-DISASTER

RECONSTRUCTION

Reconstruct

State Infrastructure:



Schools and PPPs for resilient schools



Bridges



Roadways



Public buildings



Housing



STRUCTURING PROJECTS OF THE RIO GRANDE PLAN,

PRE-DISASTER

RS OF THE FUTURE: RESILIENCE



City protection systems

- Jacuí Eldorado
- Arroio Feijó -Alvorada, Porto Alegre
- Sinos
- Gravataí
- Caí
- Guaíba
- Outros



Desilting of rivers and streams

- Interventions in small rivers and streams
- Studies and interventions in large rivers



New urbanization of cities

- Review of master plansRoca Sales
- oMuçumoCruzeiro do SuloArroio do MeiooEncantado
- EstrelaColinas
- Cluster study



Solutions for municipal resilience

- Nature-Based
 Solutions Studies NBSs (Green and
 Blue
 Infrastructures)
- Reconversion of urban areas into restricted use areas
- Municipal financing program



Resilient Infrastructure and Partnerships Program

- Block 1 Concession (RMPA)
- Block 2 Concession (Taguari Valley)
- Alternative roadway system
- Backup airports
- Strengthen the power grid
- Telefonia (roaming)



Universal basic sanitation

- Universalization of water and sewage
- Review of urban drainage plans and project support



Economic activation

- of Incentives for recovery
 - Economic reconversion
 - Attracting and retaining talents
 - Green hydrogen
 - Semiconductors
 - Low Carbon Agriculture
 - Others



RIOS Project: resilience, innovation and projects for the future of Rio Grande do Sul

- Studies
- Projects and interventions for territorial reorganization





REDUCTION AND MITIGATION





PREVENTION



ADAPTATION



CROSS-CUTTING PROJECTS











