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# Massport Net Zero/Climate Action Plan

PMO RFQ Consultant Briefing

June 24, 2022



# Massport's goal is to be Net Zero by 2031

## NET ZERO Definition for the assignment:

**Massport-controlled** greenhouse gas emissions are zero due to carbon reduction achieved through electrification of buildings and equipment, onsite energy efficiency and renewable energy generation, purchase of green power, and emission offsets, if required for any remaining emissions

### PATHWAYS TO NET ZERO GHG EMISSIONS



## Scopes 1 & 2: Massport Controlled – 12.5% of total emissions

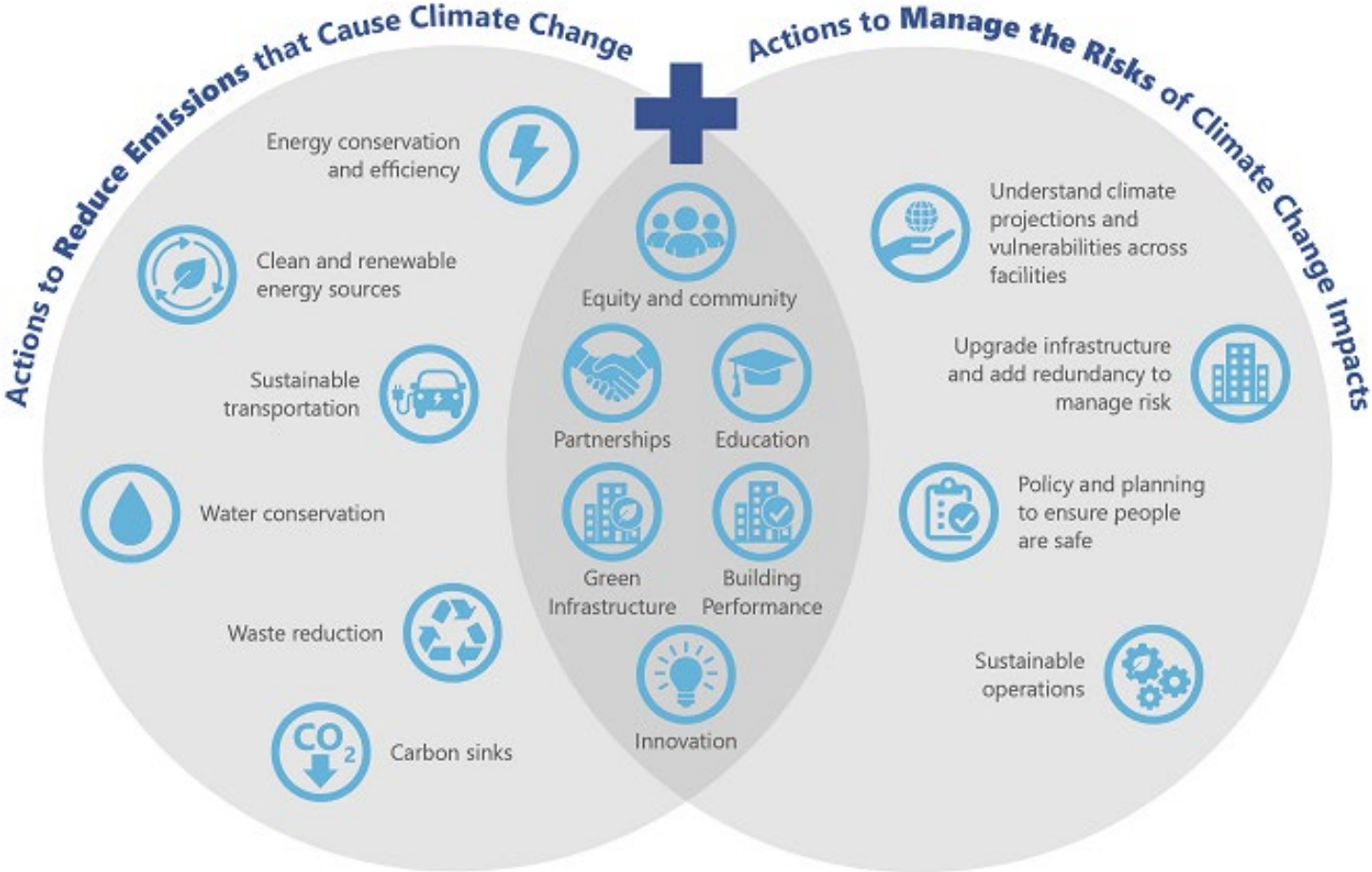


## Scope 3: Massport Potentially Influenced – 87.5% of total emissions



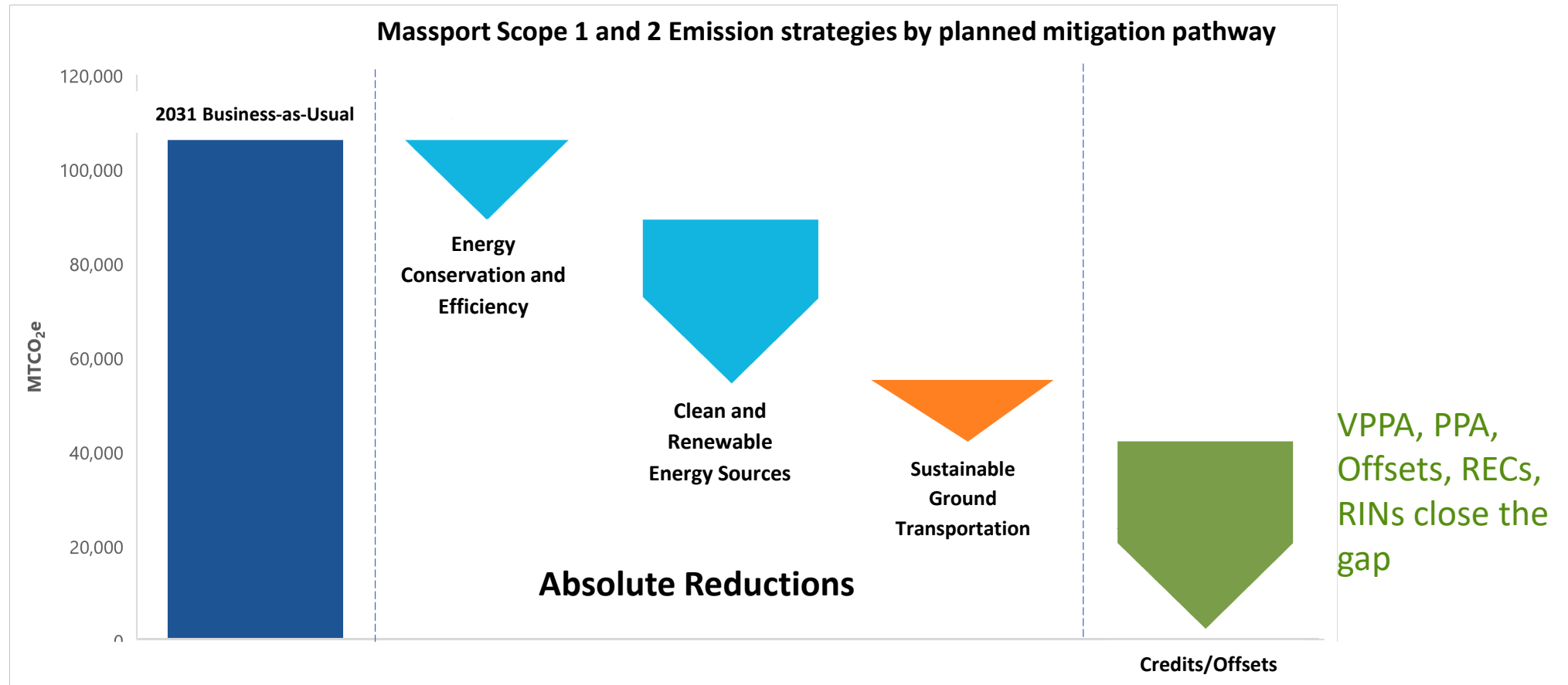
# Net Zero Roadmap is a component of a broader Authority-wide Climate Action Plan

Reducing  
GHG  
emissions  
to net zero



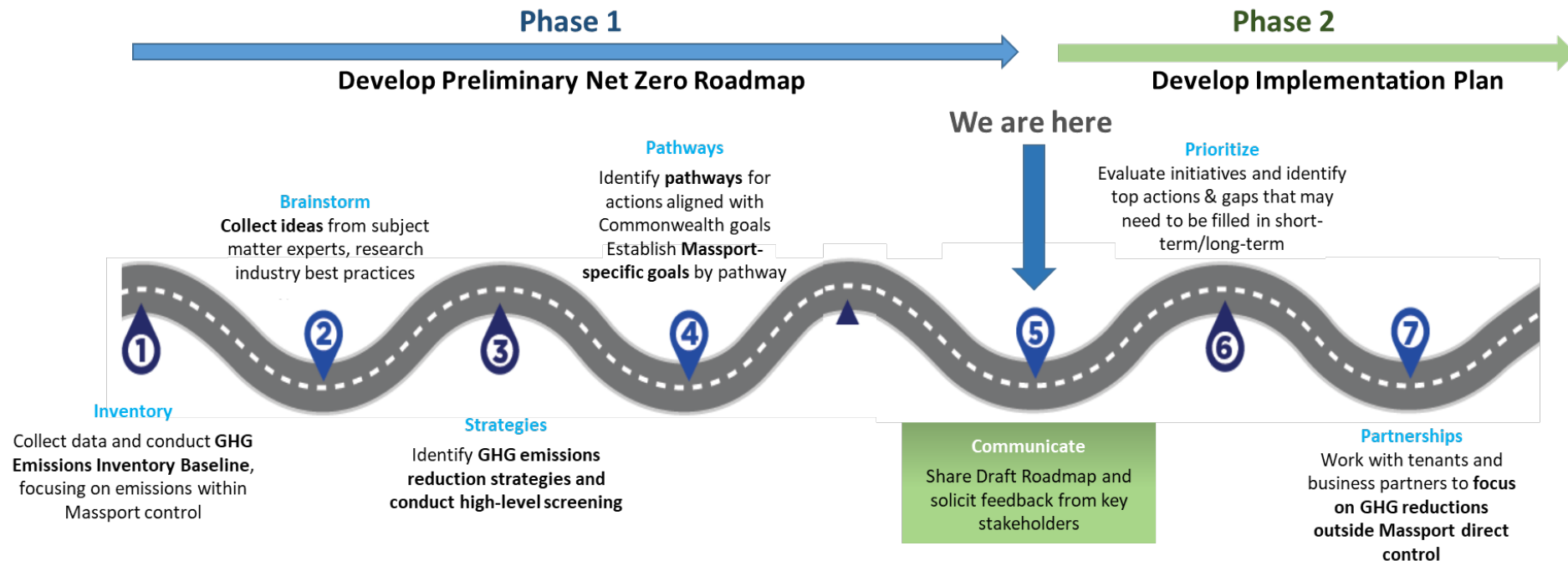
Preparing  
for  
Climate  
Change  
Impacts

# The goal of Massport-controlled (Scope 1 & 2) net zero GHG in 2031 is achievable, but some offsets are necessary



# Based on the Phase 1 Roadmap, we are now developing the Phase 2 Implementation Plan

1. Identifying Massport policy choices
2. Evaluating priorities and tradeoffs
3. Incorporating budget strategy into capital plan
4. Conducting targeted further data analysis
5. Initiating outreach on possible opportunities for Scope 3 emissions reductions, including real estate
6. Establishing program management oversight structure
7. Pursuing initial projects that support emissions reductions

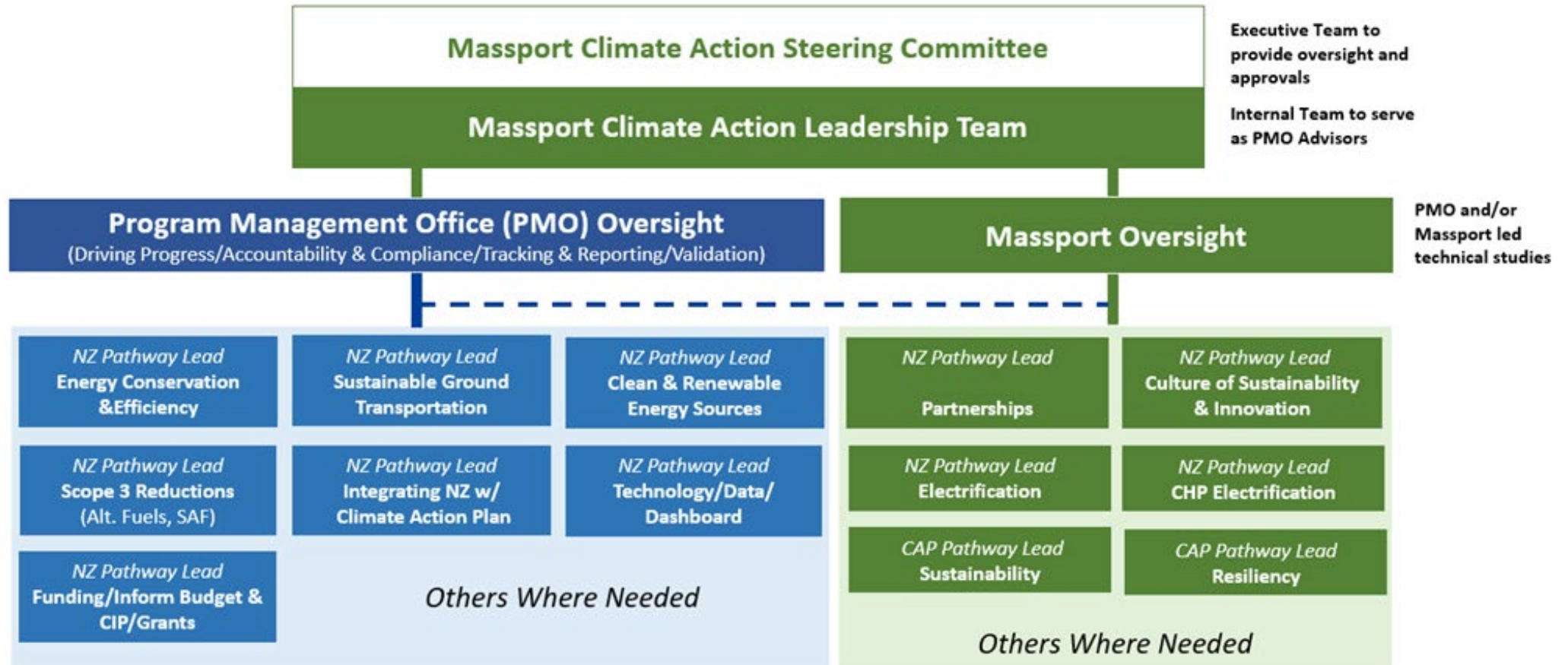


## Net Zero PMO RFQ and Management/Engagement Proposal

# Massport's initial vision for our Climate Action Plan/Net Zero management framework



## Concept Climate Action Plan/Net Zero Management Framework



# The PMO will have a wide range of responsibilities

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## Primary Management Responsibilities

- Driving Progress, accountability and compliance
- Integrating internal Massport work and consultant deliverables
- Coordination with internal/external stakeholders
- Tracking & Reporting
- Program validation

## Primary Areas of Technical Oversight

- Energy Conservation/Efficiency
- Clean Energy strategies
- Sustainable Ground Transportation
- Scope 3 Reductions (including innovative SAF solutions)
- Budget/Funding Strategies



# Massport is looking for PMO input on a range of potential Climate Action policies

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## Sample Climate Action/Net Zero principles for planning, decision-making and budgeting consideration

- Clean power purchase goals/requirements
- EV vehicles and equipment purchases
- Updated green building design standards
- Innovative Alternative Fuels/SAF strategies
- Hiring/Training
- Integration of net zero concepts into leases and contracts
- Tenant and customer decisions/recommendations/incentives
- Partnerships

# Several ongoing projects/programs support NZ Goals

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<b>Task</b>
<b>Building Energy Audits</b>
<b>Energy Demand Capacity Studies</b>
<b>Building Management Systems (BMS)</b>
<b>Cruiseport and Conley Terminal Shorepower options</b>
<b>Transportation Network Companies/Taxis/Rental Car Electrification</b>
<b>Publication of Annual Sustainability &amp; Resiliency Report</b>

## RFQ Schedule

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- RFQ Published June 8, 2022
- Consultant Briefing June 24, 2022
- **Deadline for Questions\*** **June 30, 2022**
- **Deadline for submittals** **July 21, 2022 (must be received by noon)**
- Interviews with shortlisted firms August TBD
- Massport consultant selection August TBD
- Contract executed August/September

\* *All questions must be submitted by June 30<sup>th</sup> to: [CPBidQuestions@massport.com](mailto:CPBidQuestions@massport.com)*

# RFQ Submissions

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## All submissions should include at a minimum:

- Cover letter addressed to Massport Selection Team
- Organization chart depicting how the PMO would be staffed, including resumes of all staff members and contributors to the PMO, and detailing qualifications and related project work
- Listing of case studies that exemplify the work to be accomplished in this scope including greenhouse gas emissions reductions and climate planning
- A detailed Program approach as noted below
- Information on how the PMO structure will support Massport's commitment to diversity, equity and inclusion

## RFQ Selection Criteria

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**Qualification submissions will be evaluated based on the following equally-weighted criteria – See *RFQ for complete description*:**

1. Demonstrated experience and knowledge of the team with recent projects of similar size, scope, themes and complexity and it is particularly important to demonstrate relevant PMO experience for the Program Manager
2. Demonstrated relevant and recent experience of the project team and Program Manager with program management of, planning for and achieving performance of greenhouse gas (GHG) emissions reduction programs
3. Program understanding and proposed technical approach including QA/QC process during document preparation, cost and time management ability. Experience with utilizing tools to track project efficiencies and technical dashboards to increase the reliability and significantly improve projects and teams' performance
4. Commitment to Diversity, Equity and Inclusion (DEI), including a description of the respondent's approach and commitment to DEI in its overall business practices

# Questions

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