

Resource Conservation Council Meeting

Thursday, October 18, 2018

Cassidy Campbell

CCampbell@nctcog.org



1. Welcome and Introductions
2. Notification of Conflicts of Interest
3. **Meeting Summary.** The July 19, 2018 meeting summary will be presented for approval.

Discussion Topics

4. Regional Recycling Survey and Educational Campaign

Regional Recycling Survey and Educational Campaign – RCC Update

October 18, 2018



PROJECT OVERVIEW

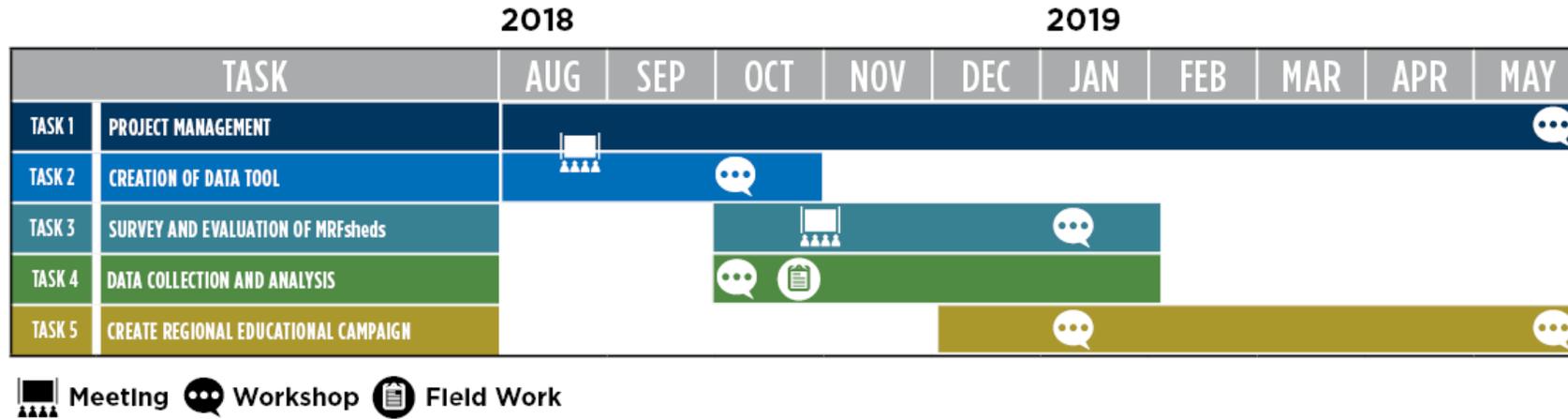
Purpose

- ▶ Better understand the quantity and quality of materials in communities' recycling systems
- ▶ Develop a regional public educational campaign focused on increasing recycling participation and decreasing contamination
- ▶ Inform the update to the Regional Solid Waste Plan and future regional projects

Project Team

- ▶ Burns & McDonnell
- ▶ The Recycling Partnership (Educational Campaign)
- ▶ Emerge Knowledge (Data Collection Tool)

PROJECT TASKS AND SCHEDULE



PROJECT MEETINGS

Meeting	Tentative Time Frame	Attendees
Kick off meeting	August 29, 2018	RSVP list
Re-TRAC Connect Training/Pre-test	October 3, 2018	NCTCOG and cities
Waste Characterization Coordination Meeting	October 3, 2018	Participating cities
MRF On-Site Meetings	September - November, 2018	MRFs
Waste Characterization Study	October 22-26, 2018	Participating cities
MRF Acceptable Materials List Workshop	January 8, 2019	RSVP list and MRFs
Pretesting Educational Campaign Focus Group	Late January 2019	RSVP list, Cities' recycling/outreach staff, MRFs
Final Workshop and PPT	April-May 2019	All the above

PROJECT GOALS AND OBJECTIVES

Create municipal recycling data tool

- ▶ Standardize data collection and entry format

Revise recyclable material list

- ▶ Align the priority materials to include and exclude (contamination)

Collect recycling and refuse composition data

- ▶ Understand recycling material being disposed

Develop regional educational campaign assets

- ▶ Create tools to increase awareness and reduce contamination

CALL FOR INFORMATION

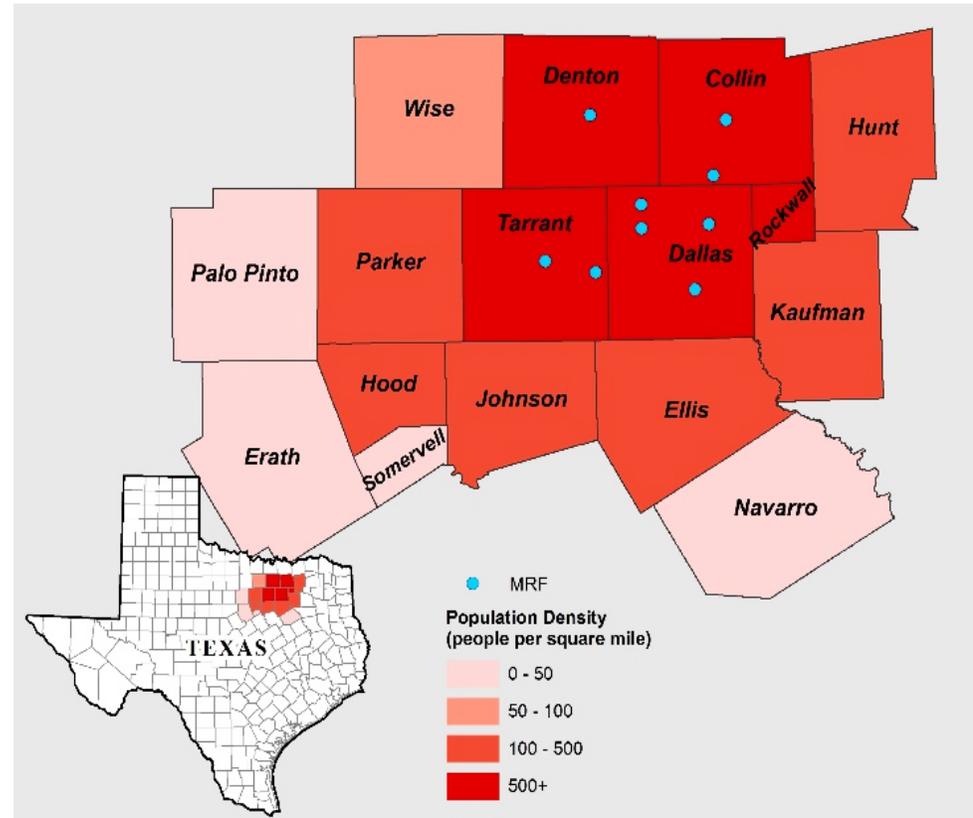
- ▶ Need to better understand the outreach materials and communication strategies in place by communities in North Central Texas
- ▶ NCTCOG is requesting local governments provide the following materials in addition to completing the Recycling Survey:
 - Public education/outreach material used by your city
 - Recent waste characterization data
 - Recent recycling audit data
- ▶ This information will be used to inform the outputs of the Recycling Survey
- ▶ Please email your information to Cassidy Campbell at ccampbell@nctcog.org or 817-608-2368 with the subject line of “Request for Information” by October 31, 2018.

MUNICIPAL MEASUREMENT PROGRAM: ONLINE RECYCLING SURVEY

- ▶ Utilizing Re-TRAC Connect's local government reporting solution
- ▶ Voluntary and free for cities to respond
- ▶ Provides cities with reports and metrics that can serve as decision-making tools
- ▶ The more cities that choose to participate means better data to make future decisions on grants, regional projects, needs and challenges in the DFW region
- ▶ Survey now open; please complete by December 21, 2018
- ▶ Register for the survey on-line at: <https://connect.re-trac.com/registration?identifier=nctcog-mmp>

MRF INTERVIEWS

- ▶ Conduct MRF interviews and site visits from October-November 2018
- ▶ Review MRF acceptable materials list with MRF operators



WASTE CHARACTERIZATION

- ▶ Physically sort refuse material from participating cities
- ▶ Provide understanding of recycling materials disposed in waste stream

City	Monday	Tuesday	Wednesday	Thursday	Friday	No. Samples
Weatherford	2					2
Mesquite	1	1	1	1		4
Grand Prairie	1	1	1	1		4
Irving	1	2		1		4
Garland				4		4
Fort Worth	3		4	1		8
Arlington	2		2	2		6
Dallas	3	3	3		3	12
Allen		2			2	4
Frisco		2		2		4
Total	13	11	11	12	5	52



CREATE AMAZING.

Discussion Topics

5. Recycling Technical Assistance

► Kick-Off Meetings:

- October 23rd, 1:00 – 4:00 PM, Sanger Community Center
101 Freese Drive, Sanger, TX 76266
- October 24th, 9:00 AM – 12:00 PM, Ellis County Courthouse
Multipurpose Room, 109 South Jackson Street, Waxahachie, TX 75165

Discussion Topics

6. Illegal Dumping Workshops

- **Friday, October 19** – Mosquito Control through Enforcing Public Health Nuisance Laws (Mansfield Service Center)
- **Thursday, November 1** – Coordinated Local Criminal Enforcement (Garland Fire Administration Building)
- **Thursday, November 8** – Advanced Illegal Dumping Enforcement (Lewisville MCL Grand)
- **Friday, November 9** – Local Control of Scrap Tires (Fort Worth Bob Bolen Safety Complex Auditorium)

Discussion Topics

7. SHARE Electronic Recycling and Household Hazardous Waste Project

8. Subcommittee Selection & Designated Alternates

9. NCTCOG Updates

Air Quality Update: Renewable Natural Gas Opportunities and Volkswagen Settlement Developments

Fleets using RNG in DFW

DART

Uses 1.2 million MMBTUs of natural gas annually in CNG buses

CNG fleet is expected to run on 100% RNG

Last month, DART approved a 5-year contract to utilize RNG in their CNG fleet

DFW Airport

Supports the McCommas Bluff LFG project

RNG supplied will increase annually from 10% to 90% through 2025

Since October 2017, DFW has received **30% RNG**

Summary of RNG Vehicle Fuel Projects & Potential Projects

Operational Projects

12 projects in Texas, **5** of which are in DFW (3 at McCommas Bluff, and 2 at 121 Regional Disposal Facility)

LFG flow-to-project in DFW:
18.1 mmscfd

Total yearly *methane* reductions for DFW projects:
3.88 MTCO_{2e}

Plus, **1 project** is under construction in Arlington LF

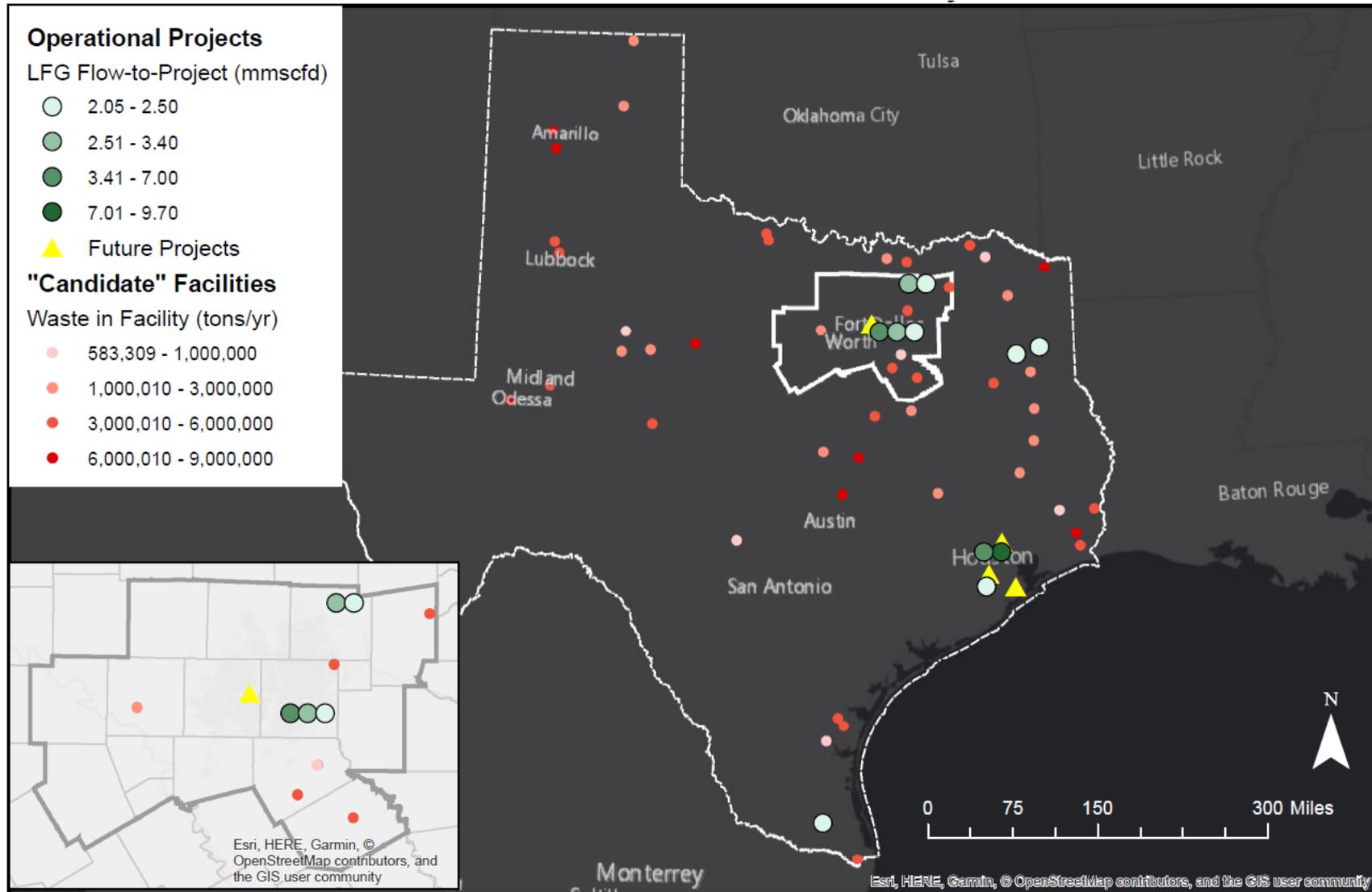
“Candidate” Facilities

54 Facilities in Texas are identified by the EPA (based on waste-load managed)

8 Facilities identified in DFW

Waste-in-place at “candidate” facilities within DFW:
42,004,748 tons

RNG for Vehicle Fuel Projects in Texas



Feedstock	Active Projects	Project Production (active)	Metric	Potential Feedstock Amount	Metric
Landfills	Yes	44.364	mmscfd	242,641,893	tons/yr

RNG Projects in DFW?

Is there a need for more methane capture projects?

Are RNG projects feasible for private and public landfill owners?

Is more outreach needed to increase awareness of RNG and its associated benefits?

Would a workshop on RNG add value? Should the content be tailored to landfill operators or specific end-users?

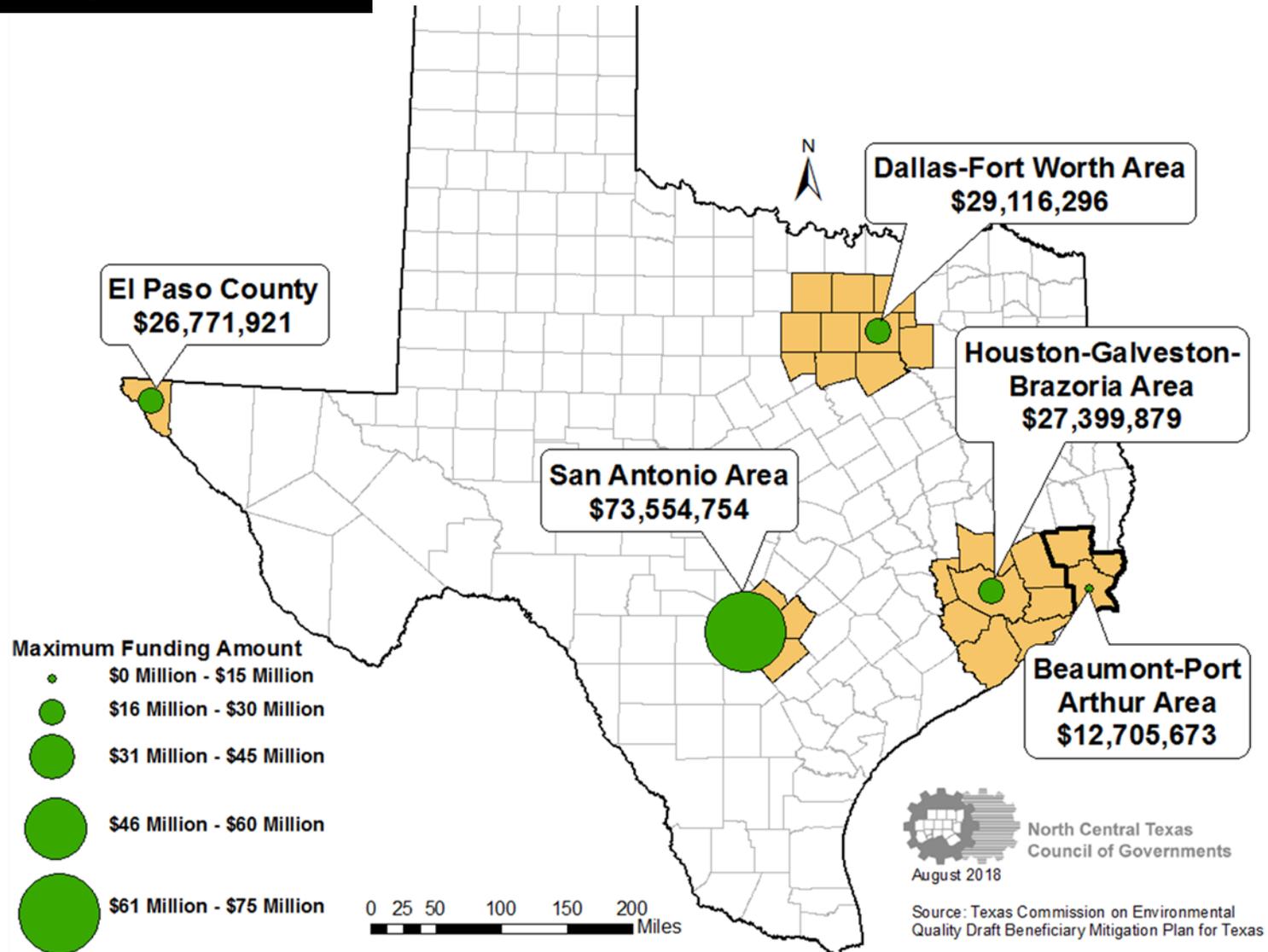
Are there other viable sources of RNG in DFW that should be looked into?

Funding Opportunities: VW Funds

Geographic Eligibility & Funding Distribution

**Current TCEQ
Proposal**

**Distribute to Priority Areas Based on
(1) Severity of Ozone Levels and (2) Population**



Proposed Funding Levels for Texas: On-Road

Class 4-7 Local Freight Trucks
 Class 8 Local Freight Trucks
 and Port Drayage Trucks

Class 7-8 Refuse Haulers
 School Buses
 Transit/Shuttle Buses

Project Type	Ownership	New Fuel Type	Funding Allowed by Trust	Funding Proposed by TCEQ
Replace or Repower	Govt Owned	Electric*	100%	60%
		Alt Fuel/Hybrid	100%	60%
		Diesel	100%	60%
Replace	Non-Govt Owned	Electric*	75%	60%
		Alt Fuel/Hybrid	25%**	25%**
		Diesel	25%**	25%**
Repower	Non-Govt Owned	Electric*	75%	60%
		Alt Fuel/Hybrid	40%	40%
		Diesel	40%	40%

*Up to 60% of Cost of Necessary Infrastructure for All-Electric Vehicles also Eligible

**Exception is Drayage Trucks, which qualify for 50%

First Application Round expected to open by the end of 2018

TCEQ Website: www.TexasVWFund.org

TERP: Grant Programs

Texas Natural Gas Vehicle Grant Program

Eligible HD and MD motor vehicles can be *replaced or repowered*

Accepting applications until May 31, 2019

Texas Clean Fleet Program

Eligible applicants can *replace* HD and LD on-road diesel vehicles with alternative fuel and hybrid vehicles

Reimbursement up to 80% of the incremental cost

Application Period: **coming soon**

For Additional Information

David Garcia

Air Quality Planner

(682) 433-0444

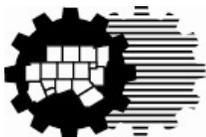
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North Central Texas
Council of Governments



Dallas-Fort Worth
CLEAN CITIES

Other Business

10. Future agenda items

11. Roundtable topics

12. Next Meeting Date:

Thursday, **January 17, 2018** at 1:30 p.m.
Transportation Council Room
NCTCOG Offices, CPII

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