



Guatemala

Readiness proposal for

REDD+

Informal presentation

Forest Carbon Partnership Facility
PC 10 meeting
Berlin, Germany, october 2011

**Ministerio de
Ambiente y
Recursos Naturales**



Guatemala at a glance



Guatemala at a glance

- Location: Central America
- Area: 108,000 km²
- Territorial waters:
 - Pacific Ocean (south),
 - Caribbean Sea (north-east)
- Population: 14.7 million
 - 65% less than 25 years old.
 - Female population: 51%
 - Rural population: 69%
 - Indigenous population: 60%
 - Population grow rate: 2.9% / yr
 - Demographic density: 135 hab/km²

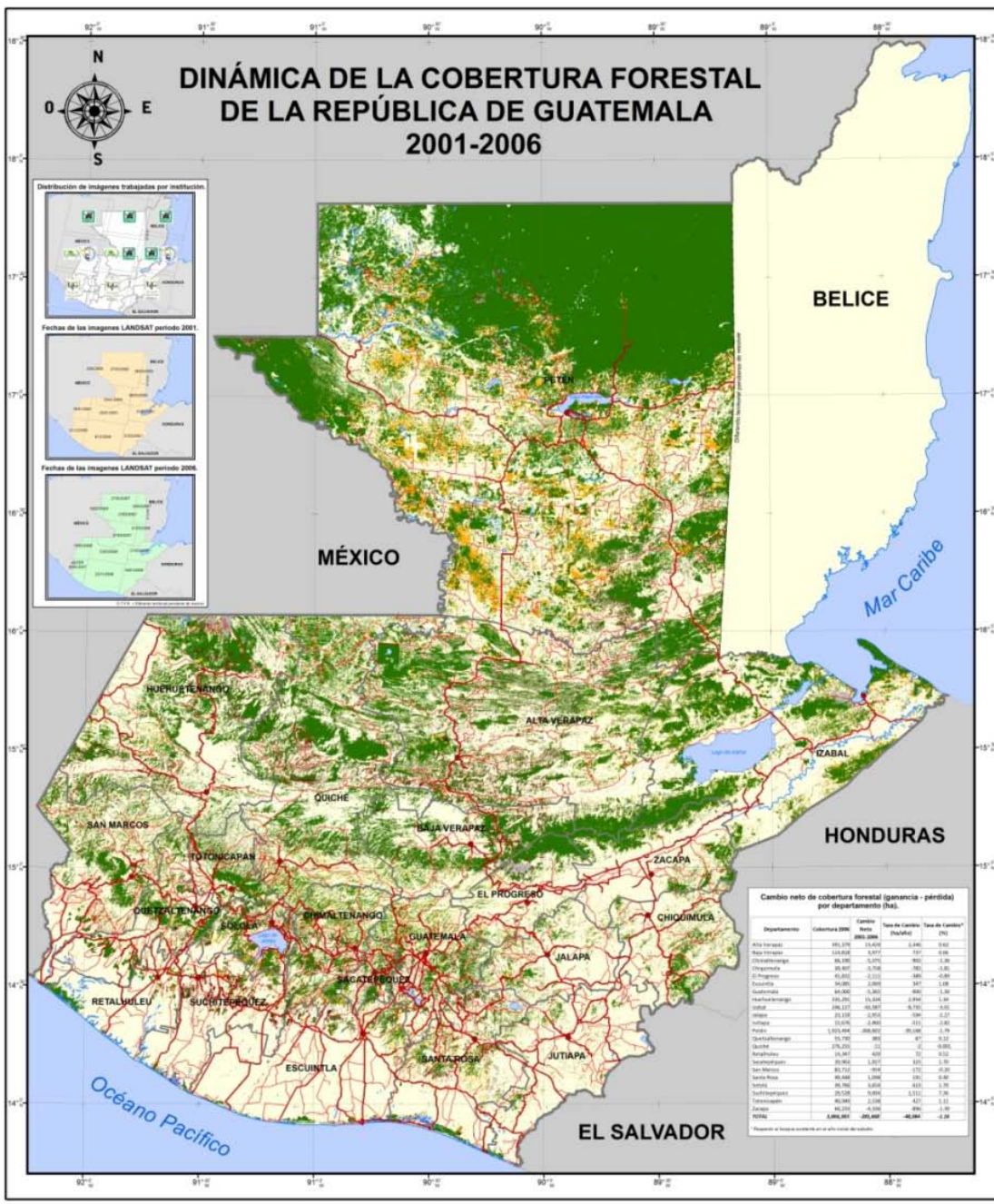


Guatemalan forests

- Forests cover 35.5% of national territory (2006)
- Agriculture 27.5%, grasslands 30.6%
- According to this trend, by 2020 forests cover 23.7% of national territory
- Annual deforestation rate: 48,084ha (1.16%) between 2001-2006.
- 50% of forest coverage lost between 1950-2000, mostly converted to cropland and pastures.
- More than 50% of Guatemala's GHG emissions associated with deforestation and other types of land use change
- Source of livelihood for a significant part of population



Guatemalan forests and deforestation



LEYENDA

- Cabecera departamental
- Límite internacional
- Límite departamental*
- Carretera asfaltada
- Carretera no asfaltada

 Cuerpo de agua	 Ganancia de bosque
 Bosque	 Pérdida de bosque
 Sin bosque	 Sin información

* Los límites no son autoritativos

Escala 1:1,000,000

Escala del estudio 1:50,000
Proyección del mapa digital
TM, DATUM WGS 84
Proyección del mapa impreso
Coordenadas geográficas, Estereografía WGS84

Estudio elaborado por:
Universidad del Valle de Guatemala, LVIG
Instituto Nacional de Bosques, INAB
Consejo Nacional de Áreas Protegidas, CONAP
Universidad Rafael Landívar de Guatemala, URL
Apoyo en análisis de precisión
Ministerio de Ambiente y Recursos Naturales, MARN

Fuente:
Datos de LANDSAT suministrados por USGS Earth Resources Observation and Science Center (EROS),
Imágenes ASTER del 2005-2007 NASA-JPL Airborne Swath Swath in CATACAL con el apoyo de USGS,
Imágenes IRS del 2003-2005, Imágenes SPOT 2001-2005, Imágenes SPOT 2001-2005, Imágenes SPOT 2001-2005,
Censos censales INEC, 2001, 2003, 2005, 2007

Edición:
Laboratorio SIG, Instituto de Agricultura, Recursos Naturales y Ambiente - IARNA

Este trabajo fue posible gracias al apoyo financiero del Fondo Nacional de Ciencia y Tecnología, FONDACYT, otorgado por la Secretaría Nacional de Ciencia y Tecnología, SENACYT, y el Consejo Sectorial de Ciencia y Tecnología, COSCYT, proyecto FONDICYT 28-2005
Se agradece además el apoyo financiero otorgado por los siguientes instituciones:
World Conservation Society, Consejo Nacional de Áreas Protegidas,
Universidad de Valle de Guatemala, Instituto de Agricultura, Recursos Naturales y Ambiente
de la Universidad Rafael Landívar, Universidad de Ciencias, BioBio, CEJAU
y Fundación Defensores de la Naturaleza

Dinámica forestal y Áreas Protegidas

Departamento	Cambio neto de cobertura forestal (ganancia - pérdida) por departamento (ha).		% de Cambio	% de Cambio*
	Cobertura 2000	Cambio 2000-2006		
Alta Verapaz	880,376	23,649	2.69	0.00
Baja Verapaz	1,038,612	5,917	0.57	0.00
Chimaltenango	86,395	3,370	3.90	0.00
Chiquimula	28,807	3,706	12.86	0.00
El Progreso	40,802	3,113	7.63	0.00
Escuintla	99,800	2,888	2.89	0.00
Guatemala	94,900	3,361	3.54	0.00
Huehuetenango	198,117	33,987	17.15	0.00
Itz'at	20,118	2,351	11.69	0.00
Quiché	116,616	3,841	3.30	0.00
Progreso	1,813,494	88,812	4.90	0.00
Quezaltenango	379,201	11,411	3.01	0.00
Retalhuleu	33,847	420	1.24	0.00
Sacatepéquez	30,962	1,817	5.87	0.00
San Marcos	88,762	3,618	4.07	0.00
Santa Rosa	66,448	1,898	2.86	0.00
Sucumbatán	30,728	3,819	12.43	0.00
Totonicapán	88,385	2,118	2.39	0.00
Zacapa	88,385	2,118	2.39	0.00
TOTAL	3,488,281	283,282	8.12	0.00

* Porcentaje de cambio neto de cobertura forestal en el período 2000-2006.

Guatemala R-PP formulation process

- **Start by ending of 2009**
 - *Technical knowledge– minimum institutional capacity building*
 - *Initial collaboration contacts MARN-INAB-CONAP*
- **Multi-institution partnership, technical and financial support from civil society organizations**
- **1st Draft: August 2010**
- **Distributed: Dec/2010 – Workshop Jan/2011**
- **2nd Draft: August 2011, distributed – Workshop Sep/2011**
- **3rd Draft: 30 September 2011**



Guatemala R-PP formulation process

- TAP review (current status)

Sections	R-PP August-Submission	R-PP September - Submission
1a	Partially met	Largely Met
1b	Partially met	Largely Met
1c	Partially met	Largely Met
2a	Partially met	Largely Met
2b	Not met	Largely Met
2c	Partially met	Partially Met
2d	Largely met	Largely Met
3	Not met	Largely Met
4a	Partially met	Largely Met
4b	Not met	Not met
5	Not met	Not met
6	Met	Met

Regulatory framework for REDD+

- **National Climate Change Policy**
Acuerdo Gubernativo 329-2009
- **Interagency Climate Change Commission**
Acuerdo Gubernativo 253-2009
- **Law Proposal on Climate Change**
Pending of approval by Congress



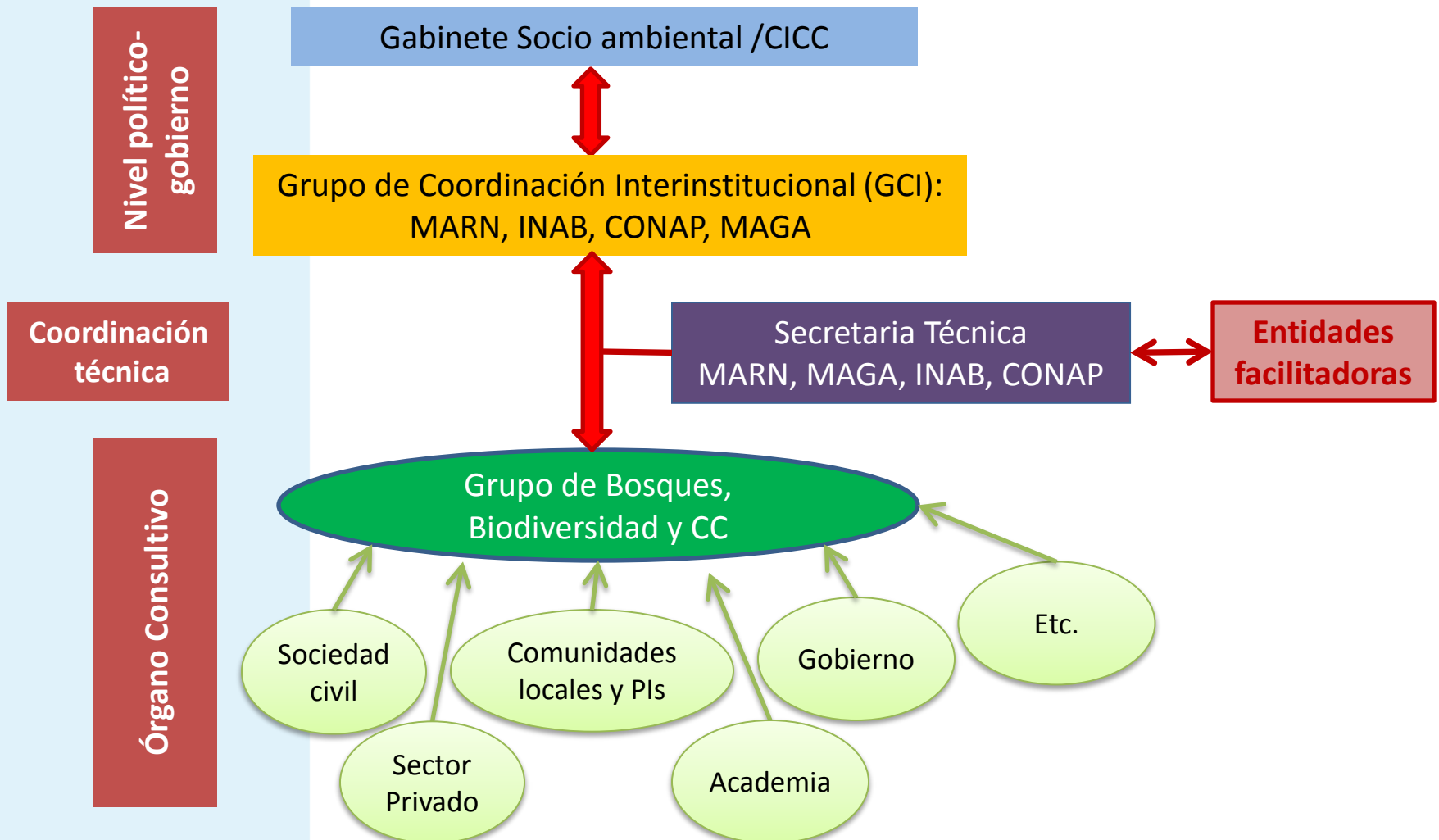
R-PP Guatemala

Institutional Arrangements

- Technical coordination MARN-INAB-CONAP
- “Forests, Biodiversity and Climate Change Group” and CICC
- Technical cooperation agreement MARN-MAGA-INAB-CONAP
 - GCI-Ingeragency Coordination Group (there is MAGA)
 - Working on institutional responsibilities
- Coordination and information structure proposal



Órganos de Dirección, Integración, Seguimiento y Evaluación para las actividades ENRD



NOTA: Los operadores de las acciones pueden ser: instituciones + foros temáticos, foros regionales/territoriales, sector privado, academia, comunidades, dependerá del planteamiento y las atribuciones en cada caso.

Órganos de dirección, Integración, seguimiento, evaluación, información, participación, concertación y consulta ENRD

Guatemala

Gabinete Socio Ambiental / CICC

Mecanismo Ad Hoc de reclamos y resolución de conflictos

Comité técnico interinstitucional (GCI): MARN, INAB, CONAP, MAGA

Grupo de Bosques, Biodiversidad y Cambio Climático (GBByCC)

- Secretaría técnica (9 integrantes, 4 gobierno y 5 sociedad civil)
- Foro Amplio Nacional integrando entidades de gobierno, ONG, Comunidades y Pueblos Indígenas, Autoridades Municipales, Sector Privado y Academia
- Comisiones de trabajo

Mecanismos específicos de Com. y Pueblos Indígenas:

- 1) Autoridades indígenas locales y territoriales
- 2) Organizaciones comunitarias de gestión de RRNN
- 3) Movimiento campesino reivindicativo
- 4) ONG Indígenas
- 5) Mesa Indígena de Cambio Climático

CODEDE

(representantes indígenas y campesinos)

COMUDE
COCODE

Foros y espacios de interlocución regionales:

- 1) Mesas regionales de Cambio Climático
- 2) Mesas regionales de Concertación y Política Forestal
- 3) Mesas de Co-administradores de áreas protegidas



Nivel Nacional

Nivel Regional

Nivel Deptal

Nivel Local

Information sharing and Early Dialogue

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Largely met

Consultation and Participation Process

Establish a structure and improve the consultation plan

TIPOS

TÉCNICA (GOBIERNO
Y/O CSO)

SOCIEDAD CIVIL
INTERESADA

PI Y COMUNIDADES
RURALES

ESTRUCTURAS

CONSEJOS DE
DESARROLLO

FOROS REGIONALES
ESTABLECIDOS

SISTEMAS INDÍGENAS
LOCALES (Acciones en
territorio)

Consultation and Participation Process (2)

Local authorities of indigenous peoples and their binding national and sub-national platforms

1

2 The local community organizations on development and management of natural resources, and its binding platforms.

Rural movement organizations and their national and international binding platforms

3

4 Indigenous NGOs

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Consultation and Participation Process (3)

- a) Climate Change Indigenous Round table (MICCG),
- b) Indigenous Authorities and Organizatios Net,
- c) National Aliance of Forest Community Organizatios (Alianza OFC).



***Dialogue Forum on Indigenous Peoples and
forest-dependent communities***

Largely Met

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Land Use, Policy and Governance Assessment

- *Deforestation Data*
- *Identifies some deforestation drivers, need for a more detailed analysis: extensive agriculture and livestock, firewood (degradation)*
- *Public Policy assessment*
- *Past Experiences:*
 - *Regulated Forest Management*
 - *Forest taxes*
 - *Forest concessions*
 - *Forest incentives (PINFOR, PINPEP)*
 - *Community forest management*
- *Gaps, challenges and opportunities*

Largely met



REDD+ Strategy Options

- i. Strengthening Governance in strategic forest areas for REDD +
- ii. Territorial planning for Agribusiness Crops (African palm, sugar cane) and urban development
- iii. Strengthening and new incentive schemes proposals for activities (economic and non economic) to protect and manage forests
- iv. Mechanisms related to economic compensation of forest goods and services, with emphasis on forest carbon
- v. Implementation of economical activities that are compatible with sustainable forest management and forest protection
- vi. Implementing actions to tackle illegal logging
- vii. Develop and implement a Strategy that promotes the sustainable use of firewood as energy source
- viii. Harmonization of the policy and instruments framework of sectors related to land use change

Largely met

Implementation Framework

- *Institutional arrangements*
- *Legal arrangements: Definition of rights on carbon reductions, a mechanism for redistributing benefits, etc.*
- *Governance arrangements: Harmonized and consistent policies, defined structures for dialogue and agreements*
- *Most feasible options (cost-effectiveness)*
- *Using existing mechanisms: PINFOR, PINPEP, Concessions, etc.*
- *Registration and accounting of emissions*

Partially met

Social and Environmental Impacts

Two levels for SESA

- ***Local or territorial**, very important participation of local stakeholders, especially rural communities and indigenous peoples forest-dependent*
 - ***Macro**, make the national or subnational assessment of the impacts of policies and instruments of the strategy on the economic and environmental system, thus take appropriate measures to propose reforms and policy instruments.*
- *Work plan is defined: SESA will be made collectively*

Largely met



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Develop a Reference Level

- *Establishment of institutional partnerships*
- *Selection of “Sub-National”(nested) approach*
- *Participatory definition on Sub-National Regions for REDD+ based on biophysical and socioeconomic criteria influencing deforestation and forest degradation*
- *Development of RL for TBN (northern highlands) region based on historic trend of emissions (multi institution partnership)*
- *Development of RL for 4 Sub-National Regions*
- *Incorporate Sub-National RL into National accounting system*
- *Validation of Sub-National RL by a third party entity.*

Largely met



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Design of a Monitoring System (emissions and removals)

- The main purpose of MRV integrated system is to generate reliable, verifiable information on GHG emissions associated with D&D, consistent with international requirements.
- The proposed MRV system will monitor deforestation, forest degradation and forest enhancement activities.
- The MRV system will be implemented in a phased approach, building upon current capabilities and data availability. The scope, accuracy and quality of outputs will be further upgraded as capacity building and basic data generation plans achieves its goals.
- An important design feature is that the MRV system will both accomplish with international requirements for GHG inventories, but also will contribute to fill critical gaps on forest data and its spatial and ecologic dynamics. Such gaps currently limits the ability of public forest administration to evaluate policies, programs and projects.

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MRV design
process**

- *Perform a gap analysis consisting on assessment of current capabilities, the optimal level of capacities need to carry out a comprehensive MRV, and actions needed to move from the actual to the desired situation, outlining a capacity building plan, both for international requirements as well as national data gaps.*
- *Definition of the methodological approach to effectively monitor emissions associated with D&D.*
- *Planning (route map)*

Planning (route map)

- Definition of institutional framework (steering body, executive coordination, specific responsibilities for all partner institutions and support organizations)
- National integrated capacity building plan for readiness phase.
- Short term actions (based on current national capabilities and national data availability)
- Medium and long term activities (enhancement and refining of MRV system by the means of capacity building and national data generation)

Largely met



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Component 4b : *Design of a Monitoring System (Multiple Benefits, Other Impacts, and Governance)*

- *Develop and implement a system to inform regarding socioeconomic and biodiversity indicators to address other multiple benefits, impacts, and governance.*
- *Participatory and feasible scheme*
- *Establish indicators and charts to report on how social and environmental safeguards are addressed.*

Not met



Schedule and Budget

(thousands US\$)

COMPONENT	2011	2012	2013	2014	TOTAL/COMP
1a	\$ 65.00	\$ 105.00	\$ 80.00	\$ 60.00	\$ 310.00
1b	\$ 33.00	\$ 139.00	\$ 124.00	\$ 74.00	\$ 370.00
1c	\$ 10.00	\$ 302.00	\$ 224.00	\$ 179.00	\$ 715.00
2a	\$ 146.00	\$ 320.00	\$ 68.00	\$ -	\$ 534.00
2b	\$ 25.00	\$ 510.00	\$ 491.00	\$ 261.00	\$ 1,287.00
2c	\$ -	\$ 178.00	\$ 140.00	\$ 60.00	\$ 378.00
2d	\$ 37.00	\$ 40.00	\$ -	\$ -	\$ 77.00
3	\$ 20.00	\$ 375.00	\$ 395.00	\$ 40.00	\$ 830.00
4	\$ 15.00	\$ 288.00	\$ 350.00	\$ 190.00	\$ 843.00
5	\$ 351.00	\$2,257.00	\$1,872.00	\$ 864.00	\$5,344.00

Not met



Thank you!