Mexican public procurement system

Unique Classifier of Public Procurement (CuCOP).

April 2011

Public Procurement Policy Unit
Main Classifiers of Public Procurement

Federal Supply Classification (FSC),

Central Product Classification (CPC)

Harmonized Commodity Description and Coding System (HS)

International Standard Industrial Classification of All Economic Activities (ISIC)
## Categorizing before CUCOP

<table>
<thead>
<tr>
<th></th>
<th>Records</th>
<th>Use</th>
<th>Actualization</th>
<th>Release</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>APF Classifier</strong></td>
<td>1 Chapter 2000 Materials and supplies 9 Concepts 43 Items</td>
<td>Budget</td>
<td>PEF</td>
<td>01/02/2008</td>
</tr>
<tr>
<td></td>
<td>1 Chapter 5000 Property 8 Concepts 25 Items</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 Chapter 3000 General Services 93 Concepts 47 Items</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 Chapter 6000 Public Work (inc. serv.) 2 Concepts 8 Items</td>
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<tr>
<td><strong>CABMSOP</strong></td>
<td>Goods 186 Services 297 Public Work</td>
<td>PAAAS y PAOP</td>
<td>By request (ad-hoc)</td>
<td>20/01/2010</td>
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<tr>
<td><strong>Goods catalog (CABM)</strong></td>
<td>4965 Consumption goods 3903 Instrumental goods 63 Services</td>
<td>Inventory and CompraNet</td>
<td>By request (ad-hoc)</td>
<td>nov-2009</td>
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<tr>
<td><strong>Public Work catalog (COP)</strong></td>
<td>261 Public Work</td>
<td>CompraNet</td>
<td>In function of COG</td>
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<tr>
<td><strong>Acquisitions and Public Work catalogs (CCAOP)</strong></td>
<td>569 Goods 300 Services 50 Public Work</td>
<td>Procurement reports for international commitment</td>
<td>By request (ad-hoc)</td>
<td>1995</td>
</tr>
</tbody>
</table>
Problematic Situations To Be Solved

- Insufficient descriptions for goods and services that the APF contracts
- Different methods for the classifier actualization
- Dissociation between expense and budgetary planning
- Limitations to follow the complete process of public procurement
- Difficulty to obtain reliable reports of public procurement performance
- Several administrative units managing the classifiers (CABM, CABMSOP)
- Product classification based on experience of public servers and not according to international standards (CABM, CABMSOP)
- Unavailable information system in order to manage the Classifier
- Current classification does not provide specific features of product acquisition by APF
- Difficulty to define a reference price for the products
Desired Situation

- Unique classifier (adding the current existence of goods and services in the market)
- Systematization and normalization for chart updates
- Standardization of goods and services to optimize the public procurement system
- A Classifier that incorporates international criteria of classification and updates
- Traceability of goods, services and inventory for central cost generation
- Linkage of procurement classifier and COG
- Link together the procurement classifier with the UN classifier
<table>
<thead>
<tr>
<th>Type</th>
<th>COG</th>
<th>Description</th>
<th>Level</th>
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<tbody>
<tr>
<td>1</td>
<td>2000</td>
<td>Materials and supplies</td>
<td>1</td>
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<tr>
<td>1</td>
<td>5000</td>
<td>Property</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>3000</td>
<td>General services</td>
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</tr>
<tr>
<td>3</td>
<td>6000</td>
<td>Public Work</td>
<td>1</td>
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<tr>
<td></td>
<td>2100</td>
<td>Materials and tools for administration and teaching</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>2101</td>
<td>Materials and office tools</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2101</td>
<td>Letter opener</td>
<td>4</td>
</tr>
</tbody>
</table>

First level COG chapter

Second level CUCOP=COG concept

Third level CUCOP=COG item

Fourth level CUCOP integrates CABMSOP (aprox 9,000 records)
## CUCoP Disaggregation

Accounting law and agreement that issues COG

<table>
<thead>
<tr>
<th>COG Chapter</th>
<th>COG Concepts</th>
<th>COG Items</th>
<th>CABMSOP Concepts</th>
<th>Specific Goods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Materials</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Goods</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Services</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Work</td>
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<td></td>
</tr>
<tr>
<td>Level 1</td>
<td>Level 2</td>
<td>Level 3</td>
<td>Level 4</td>
<td>Level 5</td>
</tr>
</tbody>
</table>

**CUCoP - Chart with five levels of disaggregation**
Following actions

Design and implement an Procurement Classifier of goods and services that is harmonized with the UN Procurement Classifier and with the Expense Class Classifier of the SHCP.

Implement a standardization system of goods and services with the one the APF acquires and hires

Objective of the Unique Classifier

- Define a unique Classifier for goods and services that Federal Public Administration (APF) acquires and hires
- Standardize Categorization of goods and services that APF use
- Define correlations between the Unique Classifier and the other instruments of classification that APF use (COG and UN Classifiers)
- Define the mechanism for unique classifier updates and correlations
- Define business rules of the unique classifier and the correlations for the incorporation in the CompraNet system

Provide information to economic agents in a timely, sufficient and arranged manner that enable execution and optimization of the public procurement system through the adequate classification of goods and services that APF acquires.
Other solutions: GPC – Global Product Classification

GPC is a mandatory classification system for the Global Data Synchronization Network GS1 (GDSN).

The trading partners (vendor and buyers) are required to have the same criteria for product group to ensure effectiveness in the process of data synchronization in GDSN, allowing with it the search, visualization and validation of products.
Other solutions: GPC — Global Product Classification

This product group system is based on specific rules, and the compositions is based on four scales:

• Segment
• Family
• Classes
• Brick, with attributes

One Brick incorporates products identified with a standard bar code known as GTIN (Global Trade Item Number).
Other solutions: GPC – Global Product Classification

Nivel

Segmento
- Segmentación vertical o industrial

Familia
- Amplia división de un segmento

Clase
- Grupo de categorías similares

Bloque
- Categorías de productos similares

Ejemplo

- Alimentación, cuidados de animales domésticos
- Cuidado de animales domésticos
- Higiene / bienestar de animales domésticos
- Artículos para el aseo de animales domésticos

Atributos de Bloque
- Tipo de artículo para el aseo de animales domésticos
- Jabón para animales domésticos
- Tipo de animal doméstico
- Perro
Other solutions: Chart of products in 3D

Casco de protección

Todo trabajador o visitante que ingrese a las áreas industriales, mantenimiento o en construcción de Petróleos Mexicanos y Organismos Subsidiarios deben usar casco de protección para la cabeza en cumplimiento a la NOM-017-STPS-2001 y el Reglamento de Seguridad e Higiene de Petróleos Mexicanos, a fin de unificar los criterios para la adquisición de este equipo de protección personal, se elabora la presente norma donde se definen sus características de diseño y fabricación.
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