Maxar and Ecopia’s partnership delivers a unique competitive advantage of scale and accuracy. By leveraging our global collection of fresh high-resolution satellite imagery, Ecopia’s powerful artificial intelligence systems and advanced machine learning have the quality data required to rapidly extract HD vector maps at mass scale anywhere in the world.

### Features and benefits

#### Accuracy
- Employs 12 core feature classifications covering both impervious (human) and impervious (natural) features

#### Currency
- Leverages fresh content from the world’s most sophisticated commercial imaging satellite constellation

#### Scalability
- Machine learning and artificial intelligence enables a production capacity of millions of sq km per month and growing

### Attributes
- The unique vector format delivered by Land Class allows users to add additional attribution and value to the data

### Global coverage
- Empowers customers to access critical data on any area of interest around the world

### Refresh
- Offers regular updates as new imagery is collected to help customers maximize their investment

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**Product specifications**

<table>
<thead>
<tr>
<th>12 core features</th>
<th>Buildings</th>
<th>Swimming pools</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Roads</td>
<td>Sports fields</td>
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<tr>
<td></td>
<td>Railways</td>
<td>Water</td>
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<tr>
<td></td>
<td>Parking lots</td>
<td>Grass</td>
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<tr>
<td></td>
<td>Pavement</td>
<td>Forest</td>
</tr>
<tr>
<td></td>
<td>Driveways</td>
<td>Bare land</td>
</tr>
</tbody>
</table>

| Valid interpretation   | ≥ 95%     |
| False negatives        | ≤ 5%      |
| False positives        | ≤ 5%      |
| Valid geometry         | 100%      |
| Minimum area           | 100%      |

**Barcelona, Spain**

HD Vector Maps are employed globally to:

- Help control the spread of diseases such as Malaria, Ebola and Polio
- Improve and enhance census data collection and analysis
- Model population and infrastructure change
- Monitor activity around global assets
- Improve logistics through efficient routing
- Update land registries and improve taxation procedures
- Identify placement of infrastructure such as roads, buildings and electrical grids

**DELIVERABLES**

Ecopia Land Cover is delivered in shapefile vector format.

**BUNDLE WITH VIVID**

If you need next-level visual accuracy, currency, and resolution for true high precision mapping, Maxar offers the ability to bundle Ecopia Land Cover with Vivid mosaics. This ensures your Land Cover vectors align to the imagery perfectly for the highest level of visual detail.

Vivid features high-resolution, country-wide mosaics available off-the-shelf. It is our foundational mosaic product offering high-quality global coverage at a competitive price point–ideal for creating or displaying maps at the local, regional or global level.

Please contact your sales representative for more details.