



## CARBON ACCOUNTING

“WHAT GETS MEASURED, GETS MANAGED” – GHG Protocol

There are seven primary Greenhouse Gas emissions including carbon dioxide, that contribute to ‘Climate Change’. These gases are quantified as carbon dioxide or carbon dioxide equivalent (CO<sub>2</sub>e).

### HOW does one account for Carbon?

A carbon footprint helps measure your organisation’s carbon profile. It indicates areas of the business that are carbon intensive i.e. indicate surplus carbon in relation to the business process flow.

In order to do this, it is important to account for your organisation’s carbon accurately and effectively.

At VNV, we use best practice, GHG Protocol to quantify emissions. We understand your current business carbon profile to derive at effective year-on-year carbon reductions strategies.

### About Us

VNV Advisory is an environmental firm with rich experience in climate change, renewable energy and sustainability. We have evolved our offering incorporating climate change and sustainability solutions to help serve our clients better.

Over the past years we have actively facilitated businesses, government bodies, and public organization transit to a low carbon economy through our carbon transaction expertise, renewable energy investment schemes and our sustainability business strategies.

### WHY should one account for Carbon?

In a Climate Change conscious society, arriving at a net carbon zero operation couldn’t be more relevant. A reduction in carbon impact ensues a reduced risk in the business. Three primary risks have been described below:

#### Operational Risks

Most businesses - regardless of economic size, sector or location, recognise that a thorough carbon footprint exercise, ostensibly provides a blueprint for low-carbon opportunities. A business that does not undertake a carbon appraisal, misses out in the identification of:

- ✓ inefficient segments in the operation
- ✓ potential to reduce dependency from grid power through renewable energy
- ✓ potential to switch fuel type and consumption
- ✓ significant reduction in expenditure
- ✓ potential supplementary revenue

#### Regulatory Risks

Indian companies are now subjected to a multitude of regulatory requirement, a fraction of which were previously considered merely voluntary and best practice. While some sectors such as, the telecom and aviation sector have definite carbon reduction targets, others industry groups are likely to demonstrate compliance in the foreseeable future.

VNV Advisory, would therefore recommend that best practice mechanisms are initiated by a company to avoid the risk of a possible non-compliance.

#### Reputational Risks

The launch of the London Stock Exchange inspired BSE CarbonEx, a carbon thematic index benchmarking listed companies by their carbon performance in 2012, has organisations geared up to competitively improve their carbon proficiency. Businesses that are seriously pursuing a carbon (or better a carbon neutral) strategy and are reporting the same through a CDP report, are more likely to fair better.

Companies that have graduated from this process in the London Stock Exchange have indicated that in submitting the ‘Mandatory [Greenhouse Gas Emission] Report,’ the process helped facilitate identification of costs reduction opportunities, improved reputation and long term management of business risks.

While businesses without a carbon reduction roadmap would risk reputational risk on stock exchanges both nationally and internationally, the more adverse risk would be the interest of shareholders and stakeholders.



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## WHAT IS CARBON NEUTRALITY?

Carbon Neutrality is a relative new term, featured in businesses to reflect a net zero emission operation. It can be achieved by in-setting and off-setting.

For an organisation to in-set, its carbon footprint should be measured and tangibly reduced on-site; while the remainder emissions can be off-set through a recognised low-carbon project.

OFF-SETTING

VNV we use best practice PAS 2060 standard.

## ZERO net emissions for your business



### Commit

Once the organisation's carbon profile has been deduced, quantify your commitment to reduce carbon on-site and off-set the remainder.



### Select

To off-set, you can choose from our various carbon emission reduction projects of different standards located in Asia and Africa.



### Retire

VNV can help you off-set and retire credits through our longstanding carbon transaction expertise and are participants in various international registries..

### Our Approach to Carbon Neutrality

#### For Organisations

VNV Advisory has designed a comprehensive process to capture current carbon profile of your company, compare your present performance to same sector companies, and set tangible reduction targets with short, medium and long term carbon reduction opportunities.

Following which, the remainder of the emissions can be off-set and retired through our 70 and growing network of globally located low carbon projects and retire credits with us.

#### For Events

A 'Carbon Neutral' event offers a higher brand value, creating interests among participants and sponsors alike. Organisers have the opportunity to demonstrate responsibility for the planet.

With our assistance, your event can publish net zero emissions ascertained by a recognised standard and benefit from choosing to offset the remainder from our low carbon projects located in several developing countries and retire the same with us.

