

**EC3 Global** provides tools and services for businesses and organisations to ensure environmental sustainability and address climate change strategies to achieve abatement and adaptation. Legislative compliance requirements and facilitating emissions offsets and trading strategies will be achieved through structured steps.

Participating in a **Sustainability Health Check** is the first such step to allow businesses and organisations identify key operational elements contributing to climate change as well as preparing for both the auditing of an entities carbon emissions equivalent (C02-e) footprint. Independent certification of performance against industry establishes baselines and best practices.

| ENERGY - SUSTAINABILITY HEALTH CHECK   |     |    |                    |  |
|--|-----|----|--------------------|--|
| ITEMS TO REVIEW  | YES | NO | Comments / Actions |  |
| Can you produce a LIST of all key business <i>energy inputs and sources</i> , as outlined via GHG protocol scopes categories below?                            |     |    |                    |  |
| - Scope 1: direct energy usage   |     |    | x %                |  |
| - Scope 2: power grid sourced  |     |    | xx %               |  |
| - Scope 3: variable energy usage   |     |    | x %                |  |
| Is each department or key activity unit metered?   |     |    |                    |  |
| Are sub-meters installed on high energy-consuming items?   |     |    |                    |  |
| Are staff members responsible for energy data collection?  |     |    |                    |  |
| Is energy data collection carried out by digital metering?   |     |    |                    |  |
| Have energy saving routine changes been made? (as turning off lights and running equipment at optimum levels)?   |     |    |                    |  |
| Is all equipment regularly checked to ensure it is functioning efficiently?  |     |    |                    |  |
| Have low-cost energy measures been implemented? (as fitting energy-efficient light bulbs and motion detectors, insulation improvements, heat exchangers, etc.) |     |    |                    |  |
| Are environmentally preferable vehicles used around the facilities? (as bicycles, electricity from renewable sources, hybrid or bio-fuels vehicles, etc.)      |     |    |                    |  |
| Do you calculate your energy usage?  |     |    |                    |  |
| Do you benchmark against activity measures, as kW p/guest night?   |     |    |                    |  |
| Is benchmarking monitored against realistic energy reduction targets at least quarterly?   |     |    |                    |  |
| Does your operation offset CO2 emissions?  |     |    |                    |  |
| TOTALS   |     |    |                    |  |
| 16 Total:-   | %   | %  |                    |  |

| <b>WATER - SUSTAINABILITY HEALTH CHECK</b>  |            |           |                           |
|---|------------|-----------|---------------------------|
| <b>ITEMS TO REVIEW</b>  | <b>YES</b> | <b>NO</b> | <b>Comments / Actions</b> |
| Do you identify the key areas of water use and how reductions can be achieved?  |            |           |                           |
| Have you implemented water savings through changes in routine operations (e.g. reducing washing/rinsing cycles in laundry)? |            |           |                           |
| Do you regularly check for leaks from cisterns, taps and pipes and are basins properly fitted with plugs?                   |            |           |                           |
| Are water sensors, low-flow water-saving devices fitted in kitchens, guest bathrooms and public washrooms?                  |            |           |                           |
| Is rainwater captured for reuse?  |            |           |                           |
| Is grey water captured for reuse?   |            |           |                           |
| Do you benchmark water use against related activity measures?   |            |           |                           |
| Is benchmarking monitored against realistic water reduction targets at least quarterly?                                     |            |           |                           |
| <b>TOTALS</b>   |            |           |                           |
| <b>8 Total:-</b>  | <b>%</b>   | <b>%</b>  |                           |

| WASTE - SUSTAINABILITY HEALTH CHECK  |     |    |                    |  |
|--|-----|----|--------------------|--|
| ITEMS TO REVIEW  | YES | NO | Comments / Actions |  |
| Do you identify the different waste streams you create?  |     |    |                    |  |
| - paper and cardboard  |     |    | x %                |  |
| - glass and metals   |     |    | x %                |  |
| - green organics   |     |    | x %                |  |
| - oils   |     |    | x %                |  |
| If yes, do you break down the waste streams by responsible departments or units?   |     |    |                    |  |
| Do you identify how the waste is currently dealt with?   |     |    |                    |  |
| Do you calculate the amount in weight for each waste stream and identify measures to reduce, reuse and/or recycle each one?                                    |     |    |                    |  |
| Do you have a waste management plan with specific reduction, reuse and recycling targets to be met by a specific time?   |     |    |                    |  |
| Do you have waste reduction measures for packaging in place?   |     |    |                    |  |
| If applicable, does the effluent from on-site wastewater treatment systems comply with all relevant local, regional and international water quality standards? |     |    |                    |  |
| Do you monitor results continuously, report on progress and take corrective action as necessary?   |     |    |                    |  |
| TOTALS   |     |    |                    |  |
| 12 Total:-   | %   | %  |                    |  |

Congratulations – you have now successfully completed the first step on your Journey of Sustainability.

**For Next Steps** to practical solutions which will assist tourism operators move forward and address some of the key objectives of the Federal Governments Climate Change initiatives visit the Products/Programs section at [www.ec3global.com](http://www.ec3global.com)