



Concrete Sustainability Council

Technical Manual - Version 3.0 (Precast Concrete with own fresh concrete production)

The Concrete Sustainability Council (CSC)

Rue de la Cité 1
1204 Geneva
Switzerland

<https://www.csc.eco/>

02.01.2024



Table of Contents

Table of Contents	1
Copyright	2
Dedicated CSC system for precast concrete producers WITH its own fresh concrete production	3
Prerequisites	4
P1 - Ethical and Legal Compliance	4
P2 - Human Rights	6
P5 - Traced Materials	10
Management	11
M1 - Sustainable Purchasing	11
M2 - Environmental Management	14
M3 - Quality Management	15
M4 - Health & Safety Management	17
M5 - Benchmarking	19
Environmental	22
E1 - Life Cycle Impact	22
E2 - Land Use	25
E3 - Energy & Climate	28
E4 - Air Quality	33
E5 - Water	35
E6 - Biodiversity	39
E7 - Secondary Materials	40
E8 - Transport	45
Social	48
S1 - Local Community	48
S2 - Health Product Information	53
S3 - Occupational Health & Safety	54
S4 - Labor Practices	62
Economics	68
B1 - Local Economy	68
B2 - Ethical Business	69
B3 - Innovation	72
B4 - Feedback Procedure	73
Chain of Custody	76
C1 - Cement	76
C2 - Aggregates	78
C6 - Steel Reinforcement	80



Copyright

Any and all intellectual property and other rights (including, but not limited to, registered or non-registered trademark rights, copyrights, database rights, inventions, patent rights, design rights, know-how, etc.) ("Intellectual Property Rights") attached to the Concrete Sustainability Council (CSC) System shall remain with and belong to CSC.

As set hereof, the CSC Manual is protected by International copyright laws. Reproduction and distribution of parts or all its content without written permission of the Concrete Sustainability Council is prohibited.

©2024 Concrete Sustainability Council



Dedicated CSC system for precast concrete producers WITH its own fresh concrete production

Note: The following system does only apply to precast concrete producers WITH its own production of fresh concrete!

A precast concrete element or concrete element is a structural element made of concrete, reinforced concrete or prestressed concrete that is prefabricated industrially in a precast concrete plant and subsequently placed in its final position, often with a crane. **Precast concrete producers with its own production of fresh concrete** must use this dedicated CSC system "Concrete Sustainability Council (2024) (Precast Concrete OWN)". With the introduction of the new CSC version 3.0, the use of steel reinforcement from certified responsibly sources is rewarded with a score in the category chain of custody C6 "Steel reinforcement" with a weighting of 10%.

The CSC Certificate for a precast concrete plant includes the performance of the supply chain (which has a weight of 50% of the total score).

Weighting	Constituent
50%	Own Score Precast
25%	C1 Cement (of the RMX Producer)
15%	C2 Aggregate (of the RMX Producer)
10%	C6 Steel Reinforcement

10% of a precast concrete plant's total score comes from the supply chain credit "**C6 Steel Reinforcement**". The weighted average percentage of steel reinforcement made from certified responsibly sourced steel supplied to the precast concrete plant undergoing certification. or recognised steel certification labels see the Annex. The cement score and aggregate score is derived from the ready-mixed concrete producer's certificate (Page 2).

The following minimum score needs to be achieved:

- Bronze: 35% - Silver: 50% - Gold: 65% - Platinum: 80%

Furthermore, the following **additional requirements** need to be fulfilled:

- The plant has to comply with all prerequisites
- The plant has to score the points in the mandatory criteria for the corresponding level. In case a criterion is mandatory for a certain certification level, this is indicated in a dedicated "Prerequisite to obtain" box in the respective criterion.
- For the certification level of Silver the partial score of the concrete plant has to be at least 60% (=> 30% of overall score)
- For the certification level of Gold and above the partial score of the concrete plant has to be at least 80% (=> 40% of overall score)
- For the CSC-certification level of "Platinum" a precast concrete plant must provide evidence for a ready-mix concrete supply chain coverage of 98%. The coverage is proven by the respective volume of ready-mix concrete supplied from producers holding a CSC certificate at the level "Platinum".
- A precast concrete plant must additionally provide evidence for a supply chain coverage of 75% for steel. The coverage is proven by the respective mass of steel supplied from producers holding CSC-recognized responsible sourcing labels.



Prerequisites

P1 - Ethical and Legal Compliance

Aim

To ensure compliance with all applicable legislation.

This credit is a prerequisite for certification. No points can be achieved.

Total points achievable for this credit

Concrete: 0 points

P1.01 Legal Compliance

Criterion Type
Company

Points achievable for this criterion
Concrete: 0 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete	x	x	x	x

The organization must declare that all efforts have been made that may reasonably be expected of the organization in order to ensure that all of its operations comply with all applicable legal legislation, requirements, regulations, laws and by-laws.

Required evidence

- Written declaration by senior management satisfying the assessment criteria not older than 3 years at the moment of certification.



P1.02 Anti Corruption

Criterion Type

Company

Points achievable for this criterion

Concrete: 0 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete	x	x	x	x

The organization must declare that all efforts have been made that may reasonably be expected of the organization and its suppliers in order to prevent corruption. The organization expects its suppliers to adhere to the highest standard of moral and ethical conduct, to respect local laws and not engage in any form of corrupt practices such as extortion, fraud, or bribery.

Required evidence

1. Written declaration by senior management satisfying the assessment criteria not older than 3 years at the moment of certification.

AND

Evidence that the Company has a Supplier Code of Conduct in place.

2. Company specific guidelines, directives, policies addressing the risk of corruption.

OR

B2 Ethical Business 'B2.01 Ethical risk assessment' or B2.02 'Policy or code for ethical business' is achieved.



P2 - Human Rights

Aim

To ensure respect for all internationally recognized human rights in the "International Bill of Human Rights" which is based on the ICCPR, ICESCR and ILO Fundamental Conventions.

This credit is a prerequisite for certification. No points can be achieved.

Total points achievable for this credit

Concrete: 0 points

P2.01 Human rights commitment

Criterion Type

Company

Points achievable for this criterion

Concrete: 0 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete	x	x	x	x

The organisation must demonstrate its commitment to respect internationally recognized human rights in line with the UN Guiding Principles on Business and Human Rights or the OECD Guidelines, through policies and processes, including:

- a) a public commitment to meet their responsibility to respect human rights;
- b) a human rights due diligence process to identify, prevent, mitigate and account for how they address their impacts on human rights;
- c) processes to enable the remediation of any adverse human rights impacts they cause or to which they contribute.

The above should cover human rights impacts of the company's own operations and its value chain, including in particular its supply chain.

When local laws set lower standards than or conflict with the above requirements, refer to P2.02.



Required evidence

1. Publicly available company commitment to comply with all internationally recognized human rights and follow the OECD Guidelines for Multinational Enterprises or the UN Guiding Principles on Business and Human Rights - which describes how they conduct due diligence and enable access to remedy for affected people, including through the provision of operational-level grievance mechanisms

OR

Declaration by senior management that the company has policies and processes appropriate to their size and circumstances, including:

- o (a) a public commitment to meet their responsibility to respect human rights and follow the OECD Guidelines or the UN Guiding Principles on Business and Human Rights
 - o (b) a human rights due diligence process to identify, prevent, mitigate and account for how they address their impacts on human rights
 - o (c) processes to enable the remediation of any adverse human rights impacts they cause or to which they contribute.
-

P2.02 Conflict with local laws

Criterion Type

Company

Points achievable for this criterion

Concrete: 0 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete	x	x	x	x

When local laws conflict with, or set lower standards than the above requirements, the organisation should seek ways to honour the principles of internationally recognized human rights [to the fullest extent that does not place them in violation of the local law], and deliver credible alternative evidence of these efforts.

Required evidence

1. Documented evidence of actions taken to seek to honour the higher international standards, i.e. relevant communication outputs, meeting minutes, photos, results of actions undertaken, or other proof of internal communication / implementation.

OR

Declaration by senior management of the actions taken by the Company

P2.03 Labour Rights



Criterion Type

Company

Points achievable for this criterion

Concrete: 0 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete	x	x	x	x

Notwithstanding the importance of considering potential impacts on all human rights, additional attention is given to labour rights impacts in the construction sector.

Companies are expected to demonstrate how they address:

- child labour
- forced labour and human trafficking (including recruitment processes)
- freedom of association and collective bargaining
- Non discrimination of employees organized in labour unions or acting as labour representatives
- discrimination (including violence, harassment, equal opportunities for female and male employees)
- fair wages and salaries
- health and safety procedures
- working hours
- social security benefits

This is without prejudice to other potential human rights that may also be impacted by the plant’s activities, such as:

- Land rights
- Indigenous peoples rights

Scope of policies and processes should cover direct employees and contracted labour on-site. In the development of the above policies and processes the company should consult regularly with affected workers and/or their representatives.



Required evidence

1. Formal internal or public policies and documented internal processes (including risk management, training, diversity inclusion programs) demonstrating how the company respects labour rights

OR

Written statement by the highest governing body of the organisation that the company has dedicated policies and processes relating to the labour rights issues in this prerequisite

OR

publicly available company commitment to uphold the ILO conventions, including signing of site manager at plant level, providing proof that they are conducting due diligence, there is access to remedy, and an effective grievance mechanism is in place so that stakeholders can raise their concerns (grievance mechanism, due diligence, impact assessment)

OR

a recognized third party assessment or audit that demonstrates compliance with the labour rights standards covering the scope of this certification, not older than three years at corporate level, including a remedy plan specifically at site level.



P5 - Traced Materials

Aim

To ensure that all materials are from traceable sources.

This credit is a prerequisite for certification. No points can be achieved for this credit.

Total points achievable for this credit

Concrete: 0 points

P5.01 Traceability of materials

Criterion Type

Plant

Points achievable for this criterion

Concrete: 0 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete	x	x	x	x

The plant must demonstrate (via Environmental Management System or similar) that solid constituent materials (by mass) are from traceable sources.

The materials of all tier one suppliers have to be included in the scope.

CSC Bronze/Silver: $\geq 90\%$ of materials must come from traceable sources

CSC Gold/Platinum: $\geq 98\%$ of materials must come from traceable sources

Required evidence

1. Exemplary material list giving an overview on the suppliers

AND

Written declaration by senior management satisfying the assessment criteria.



Management

M1 - Sustainable Purchasing

Aim

To ensure an embedded long-term focus on and implementation of responsible sourcing.

Total points achievable for this credit

Concrete: 10 points

M1.01 Purchasing policy

Criterion Type
Company

Points achievable for this criterion
Concrete: 2 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete			x	x

The company has a purchasing policy covering social and environmental aspects. The policy is valid & operational. In case of continuous non-compliance with sustainability related aspects, the policy mentions performance improvement requirements and/or that business relations with suppliers can consequently be terminated. The purchasing policy has been approved by the management responsible for the scope of this assessment.

Required evidence

1. A copy of the purchasing policy, with reference to social and environmental aspects including “performance improvement requirement” clause and/or a “business termination” clause and evidence that senior management has formally approved the policy.



M1.02 ESG Supplier assessment and performance monitoring

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

The company has a process in place of assessing (by online tool/on site audit or similar) the compliance of its main suppliers with social standards, environmental standards, and business ethics meeting the values of this standard.

The company updates assessments of critical suppliers on an annual basis and ensures that appropriate processes are in place to mitigate identified shortcomings.

Required evidence

1. A copy of the assessment process description.

2. A copy of the supplier questionnaire template

OR

Description of the assessment software.

3. Exemplary documentation of supplier assessments not older than 1 year at the moment of certification.

M1.03 Training on responsible sourcing

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

The company applies learning by and development of its employees to cover the principles of responsible sourcing in introduction programs and in all relevant professional and functional training.

Required evidence

1. Evidence that the principles of responsible sourcing (e.g. content of criteria M1.01 to M1.03) are communicated to relevant employees.



M1.04 Promotion of responsible sourcing

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

The company promotes, where applicable, responsible sourcing in public communications, such as websites and (financial) reporting.

Required evidence

1. Evidence of promotion, for example, website links and copies of reports, publications, etc.
-

M1.05 Responsible sourcing as a criterion in the procurement process

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

The company includes responsible sourcing as a criterion in its procurement process.

Required evidence

1. Evidence of practical implementation of the purchasing policy/plan
-



M2 - Environmental Management

Aim

To promote the use of an environmental management system (EMS in the supply chain).

Total points achievable for this credit

Concrete: 4 points

M2.01 Environmental management system (EMS)

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The company has a documented EMS in place.

The EMS shall include the relevant scope: the key processes for raw material extraction and primary material production and/or production of concrete.

Required evidence

1. Validation by the auditor that the company has a documented EMS (see the Annex).
-

M2.02 Certified environmental management system (EMS)

Criterion Type

Company

Points achievable for this criterion

Concrete: 3 points

The company has a certified EMS in place (see the annex).

Required evidence

1. Copy of the valid EMS certificate.
-



M3 - Quality Management

Aim

To promote the use of a quality management system in the supply chain.

Total points achievable for this credit

Concrete: 4 points

M3.01 Quality management system (QMS)

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The company has a documented quality management system in place.

Required evidence

1. Validation by the auditor that the company has a documented quality management system.
-



M3.02 Certified quality management system (QMS)

Criterion Type

Company

Points achievable for this criterion

Concrete: 3 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				2 points

A certified quality management system is in place (see the annex).

Required evidence

1. Copy of the valid QMS certificate.
-



M4 - Health & Safety Management

Aim

To promote the use of health and safety management systems.

Total points achievable for this credit

Concrete: 4 points

M4.01 Health and safety management system

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The company has a health and safety management system in place (see the annex).

Required evidence

1. Validation by the auditor that the company has a documented health and safety management system
-



M4.02 Certified health and safety management system

Criterion Type

Company

Points achievable for this criterion

Concrete: 3 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				2 points

The company has a certified health and safety management system in place (see the annex).

Required evidence

1. Copy of the valid Health & Safety certificate
-



M5 - Benchmarking

Aim

Publish actual performance data.

Total points achievable for this credit

Concrete: 7 points



M5.01 Publishing annual performance data (KPIs)

Criterion Type

Company

Points achievable for this criterion

Concrete: 5 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete			3 points	5 points

Sector Association on behalf of the Company or Plant: (3 Points)

The company publishes annual performance data (KPIs) on a regular basis by publishing an annual sustainability report (see the annex) . *Note: Publication by the sector association on behalf of the company enables only 3 out of 5 points.*

The performance data must cover the following relevant topics with a minimum of five of the listed topics (if the company offers concrete or aggregates, at least one indicator must also address concrete, respectively aggregates):

- Use of secondary materials;
- Use of fossil fuels;
- Production of renewable energy/ % of renewable energy;
- Carbon dioxide emissions;
- Clinker content (if applicable);
- % of transport (raw material and or to client) within total emissions;
- Use of potable water;
- Incidents/injuries/accidents;
- Employee health & well-being.
- Returned concrete (%reused/returned, %reused/produced)
- Waste (%hazardous, %non-hazardous, %sent to recovery operations, %sent to disposal operations)

Required evidence

1. Copy of / link to a sustainability report with full calendar year data published no later than the previous year of certification. The report must include data from the calendar year prior to the publishing year of the report.

AND

In the case of a Sector Association sustainability report: Written confirmation by the Sector Association that the Company provided all required data for the Sector Association’s sustainability report.



M5.02 Externally verified KPIs

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete			1 point	2 points

Required evidence

1. Evidence of the publicly available external verification. Publicly available means that the information is available to anyone on the web, without the need for special qualifications, permissions, or privileges.

AND

Evidence of performed KPI reporting to Government, if applicable (see the annex)



Environmental

E1 - Life Cycle Impact

Aim

Provide transparency and encourage the use of products and materials with an improved life-cycle impact.

Total points achievable for this credit

Concrete: 6 points (+1EP)

E1.01 Sectoral environmental product declaration

Criterion Type
Company

Points achievable for this criterion
Concrete: 2 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete			x	x

The company contributes to the generation of sectoral Environmental Product Declarations (EPD) in the region of the assessed plant(s) for their products by providing representative average LCA data. The EPD's are conforming to national EPD standards.

Required evidence

- Evidence confirming that the company has contributed - by providing data - to the generation of at least one industry-wide concrete/Cement/Aggregate EPD in the country where the plant requesting certification is located. The EPD needs to be either valid or in the preparation phase. The requested evidence needs to be issued or confirmed by the sectoral EPD owner or coordinator.

OR

Confirmation by the local sector association that no EPD is available or in the preparation phase in the country where the plant requesting certification is located.

OR

E1.03 is fulfilled.



E1.02 Reporting of product specific carbon emissions to customers

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete			x	x

The company offers product specific carbon calculations to customers on request.

Required evidence

- (1a) Exemplary product carbon calculation provided to customer

AND

(2a) Related communication with customer

OR

(1b) Product specific EPD

AND

(2b) Publicly available link to the EPD. Publicly available means that the information is available to anyone on the web, without the need for special qualifications, permissions, or privileges.

E1.03 Release of environmental product declarations (EPDs)

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

The company has released at least one EPD. The EPD follows international or national standards and is third party verified (see the annex).

Required evidence

- Electronic copy of the EPD

AND

Publicly available internet link to the EPD. Publicly available means that the information is available to anyone on the web, without the need for special qualifications, permissions, or privileges.



E1.04 (EP) Release of environmental product declarations (EPDs) on plant level

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

The company has released at least one product specific EPD on plant level. The EPD follows international or national standards and is third party verified (see the annex).

Required evidence

1. Electronic copy of the EPD

AND

Publicly available internet link to the EPD. Publicly available means that the information is available to anyone on the web, without the need for special qualifications, permissions, or privileges.



E2 - Land Use

Aim

To ensure land is used in a rightful way, that impacts on recognized sites of natural culture are minimized, and that the land is reclaimed at the end of use in accordance with the planning consent or, if there are no requirements in the planning consent, reclaimed in a way that meets the approval of the local community.

Total points achievable for this credit

Concrete: 5 points

E2.01 Policy to avoid globally or nationally important sites

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

Companies have a publicly available policy that prohibits operations in sites of potential land use conflict; the definition of these areas should follow accepted frameworks (see the annex).

Required evidence

1. Copy of the policy and proof of publication (e.g. link).
-



E2.02 Responsible land use

Criterion Type

Company

Points achievable for this criterion

Concrete: 3 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The plant ensures the responsible use of land.

Required evidence

1. **Concrete:**

Site layout showing the locations of the main plant installations including roadways, stormwater drains, retention basins, etc. The layout plan includes an explanation as to why/how the site layout enables using the land in a particularly efficient way (e.g. biodiversity, efficient traffic flow, stormwater management, efficient storage / processing of materials).

Cement / Aggregates:

A quarry development plan is in place which includes the extraction plan, soil management plan, and reclamation plan.

AND

Evidence that progressive reclamation is pursued where reasonably practical and permitted under local requirements (see the annex).



E2.03 Protection from pollution

Criterion Type

Plant

Points achievable for this criterion

Concrete: 1 point

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The plant has facilities where chemicals (including fuels) are stored in conditions where any spillage, including accidental, does not contaminate the land.

Required evidence

1. Photographs of the storage facilities for chemicals and fuels

OR

The plant is ISO 14001 certified.

OR

The criterion is awarded by default if no chemicals and fuels are used and stored on the site.



E3 - Energy & Climate

Aim

To promote the responsible use of energy and the reduction of Greenhouse Gas (GHG) emissions.

Total points achievable for this credit

Concrete: 16 points

E3.01 Climate policy

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The company is committed to measuring and reporting its GHG emissions and has set a publicly available GHG emission reduction target.

Required evidence

1. Publicly available policy / commitment to measuring, reporting and reducing the company's greenhouse gas emissions. Publicly available means that the information is available to anyone on the web, without the need for special qualifications, permissions, or privileges.

OR

Membership to a sector organization (e.g. GCCA) that is publicly committed to measuring, reporting and reducing GHG emissions, and were committing to these principles is required to join the organization.

OR (for aggregates only)

A publicly available policy / commitment to measuring, reporting and reducing the company's energy consumption. Publicly available means that the information is available to anyone on the web, without the need for special qualifications, permissions, or privileges.

2. Evidence for the commitment to measure GHG emissions is automatically covered via a reporting commitment.

3. Publicly available GHG emission reduction target.



E3.02 Monitoring of GHG emissions

Criterion Type

Company

Points achievable for this criterion

Concrete: 3 points

The company monitors its relevant GHG emissions.

Concrete: GHG emissions relating to own operations and concrete delivery.

Cement: GHG emissions as defined in the GCCA protocol or equivalent (see the annex).

Aggregates: GHG emissions relating to own operations and aggregate delivery.

Required evidence

1. Extract of the monitoring results and the related GHG emission calculations

OR (for cement and concrete only)

Proof that the Company was successfully audited against the GCCA charter within the last five years

E3.03 Public reporting of monitoring results

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

The company reports monitoring results on a yearly basis.

Required evidence

1. Copy of the latest publication / link to the latest publication referring to data not older than 1 1/2 years at the moment of certification.

OR (for cement and concrete only)

Proof that the Company was successfully audited against the GCCA charter within the last five years.



E3.04 Externally verified reporting of GHG emissions

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

The GHG reporting according to E3.03 has been externally verified according to accepted standards (see the annex) and to at least a level of limited assurance.

Required evidence

1. Copy of the verification statement
-

E3.08 Achievement of CO2 emission reduction target

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

The company is on track to meet its CO2 reduction target according to E3.01 (1 Point) and E3.07 (2 to 6 Points, depending on the ambition level specified), respectively.

Required evidence

1. Externally verified proof (e.g. externally audited annual report) that the company is on track to achieve its CO2 reduction target (= in line with published reduction path).
-



E3.09 Energy saving awareness creation

Criterion Type

Plant

Points achievable for this criterion

Concrete: 1 point

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

Relevant workers have been made aware of

- the biggest drivers for energy (thermal/electricity) consumption
- and how they can contribute to reducing energy consumption.

Required evidence

1. Copy of relevant e-mail, notice or other information channel.
-



E3.11 Use of renewable electrical energy

Criterion Type

Plant

Points achievable for this criterion

Concrete: 5 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				2 points

The plant uses renewable electrical energy.

- P = 1 if share of renewable electrical energy $\geq 30\%$
- P = 2 if share of renewable electrical energy $\geq 40\%$
- P = 3 if share of renewable electrical energy $\geq 60\%$
- P = 4 if share of renewable electrical energy $\geq 80\%$
- P = 5 if share of renewable electrical energy = 100%

Required evidence

1. Applicable national energy mix

OR

Company specific confirmation such as contract or invoice(s) specifying renewable energy (share)



E4 - Air Quality

Aim

To minimize emissions of air pollutants and particulate matter from exhaust gases.

Total points achievable for this credit

Concrete: 7 points

E4.08 Clean air silos

Criterion Type

Plant

Points achievable for this criterion

Concrete: 3 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

Every cement / addition (secondary cementitious material (SCM)) silo has the following control measures:
Silo top baghouse or central vacuum collector system

AND

Silo overfill warning system (high bin indicators)

AND

Control measures are routinely maintained.

Required evidence

1. Photographic evidence
-



E4.09 Process and fugitive dust reduction measures

Criterion Type

Plant

Points achievable for this criterion

Concrete: 4 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				2 points

Dust suppression measures (see the annex) have been implemented to effectively reduce process and fugitive dust emissions.

Concrete

up to 4:

- 2 for one measure
- 4 as of two measures implemented

Cement

up to 4:

- 2 for one measure
- 4 as of two measures implemented

Aggregates

up to 4:

- 2 for one measure
- 4 as of two measures implemented

Required evidence

1. Photographic evidence
-



E5 - Water

Aim

To optimize water use and to ensure that discharged water is of a quality that does not harm the environment.

Total points achievable for this credit

Concrete: 12 points

E5.01 Water Policy

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

Companies have a publicly available policy that ensures the optimal use of water and that the impact of discharged water on the environment is minimised.

Required evidence

1. Copy of the publicly available policy. Publicly available means that the information is available to anyone on the web, without the need for special qualifications, permissions, or privileges.
-



E5.02 Water scarcity and impact

Criterion Type

Plant

Points achievable for this criterion

Concrete: 1 point

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

For the area of the plant, water scarcity is assessed using recognized assessments (see the annex).

Required evidence

1. A copy of the water scarcity analysis incl. risk category.
OR
A copy of the ESIA including a water assessment.
-

E5.03 Water monitoring

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The company monitors and reports water withdrawal, discharge and water consumption according to the GCCA Sustainability Guidelines for the monitoring of water in cement manufacturing or an equivalent water protocol (see the annex).

Required evidence

1. Proof that the company monitors and reports according to the GCCA Sustainability Guidelines for the monitoring and reporting of water in cement manufacturing or an equivalent water protocol
OR
Proof that the company was successfully audited against the GCCA charter within the last five years.
-



E5.04 Water target

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

Prerequisite to obtain if the plant is located in water scarce areas according to E5.02.

The company has at least one publicly declared improvement target related to water withdrawal and regularly reports on its implementation progress. Possible targets include, but are not restricted to, the key performance indicators defined in the “GCCA Sustainability Guidelines for the monitoring and reporting of water in cement manufacturing” or an equivalent water protocol (see the annex).

Required evidence

1. Copy of a non-confidential document stating the target or link to the public statement detailing the water related target.
-

E5.05 Verification of water reporting

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

The company carries out assurance at least once every three years using recognized, independent assurance practitioners and the scope of assured data covers at least the total water withdrawal according to the “GCCA Sustainability Guidelines for the monitoring and reporting of water in manufacturing” or an equivalent water protocol (see the annex).

Required evidence

1. Certification / Assurance report
OR
Proof that the company was successfully audited against the GCCA charter within the last five years.
-



E5.06 Report on water use and quality of discharged water

Criterion Type

Plant

Points achievable for this criterion

Concrete: 2 points

The plant reports water in terms of quantity of use, quality of the discharged water to its stakeholders on at least an annual basis.

The criterion is also awarded if - at the exception of sanitary water - no water is discharged.

Required evidence

1. Copy of the public report or link to the public website

OR

Minutes, letters or similar communication to stakeholders.

OR

Evidence that - at the exception of sanitary water - no water is discharged.

E5.07 Water treatment

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

The plant operates a water treatment facility that reduces the amount of fresh water consumed and increases the quality of discharged water.

The criterion is also awarded if - at the exception of sanitary water - no water is discharged.

Required evidence

1. Evidence that a water treatment facility is in place, e.g.
 - Photographic evidence
 - Water flow diagrams

OR

Evidence that - at the exception of sanitary water - no water is discharged.



E6 - Biodiversity

Aim

To maintain or enhance the biodiversity value and the ecosystems throughout the value chain, taking particular consideration of the often unique biodiversity in karst areas.

Total points achievable for this credit

Concrete: 2 points

E6.06 Additional Action for Nature

Criterion Type

Plant

Points achievable for this criterion

Concrete: 2 points

The plant has implemented voluntary actions for nature at the site, engaging the workforce and/or local stakeholders. These actions are additional to any required during the permit approval process or by applicable laws and regulations (see the Annex).

Required evidence

1. Summary report of the actions

OR

Relevant communication outputs, photos, results of actions undertaken



E7 - Secondary Materials

Aim

- To reduce the consumption of primary materials by avoiding waste or using secondary materials (including recycled materials) where available and technically, ecologically, and economically reasonable.
- To contribute to a circular economy.

Total points achievable for this credit

Concrete: 15 points (+1EP)

E7.01 Assessment of the availability of secondary materials

Criterion Type

Plant

Points achievable for this criterion

Concrete: 3 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete			x	x

Cement: A documented assessment on the availability of secondary raw materials for clinker and cement production, covering the country or region where the plant requesting certification is located, is done at least every three years.

Concrete: A documented assessment on the availability of secondary raw materials for concrete production, covering the country or region where the plant requesting certification is located, is done at least every three years.

Required evidence

1. Evidence that an assessment was performed during the past 3 years.
-



E7.02 Policy on usage of secondary materials

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

A policy is available that favours the increasing use of secondary materials where this is ecologically reasonable and technically and economically possible.

Required evidence

1. Copy of the policy.
-

E7.03 Reporting of the use of secondary materials

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

The use of secondary materials is regularly monitored and reported at least on an annual basis.

Required evidence

1. Copy of the last report referring to data not older than 1 1/2 years at the moment of certification, which summarises the use of secondary materials.
-



E7.04 Responsible processing of returned concrete

Criterion Type

Plant

Points achievable for this criterion

Concrete: 3 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The plant ensures that returned concrete is processed in a responsible manner instead of being landfilled. Responsible processing includes among others

- recycling - prior to hardening - the returned concrete with the purpose to reuse the aggregates and the water
- recycling the hardened concrete into aggregates
- casting the returned concrete into concrete goods
- having contractual arrangements with third parties that ensure responsible processing of the returned concrete on behalf of the plant

Required evidence

1. Evidence that returned concrete is processed in a responsible manner, e.g.
 - photo evidence of recycling plant
 - photo evidence of concrete good production installation and production related data
 - copy of contractual arrangements
 - production data/bill of materials
-



E7.05 Optimized use of mineral components as alternative raw material (ARM), secondary cementitious material (SCM) or filler

Criterion Type

Plant

Points achievable for this criterion

Concrete: 2 points

The plant has optimized the use of mineral components (specific per unit of product) in line with the assessment according to E7.01 in at least one of the following applications.

Cement:

- as mineral component added to clinker raw meal
- as SCM added in cement production / grinding
- as filler added in cement production / grinding

Concrete:

- as SCM in concrete production: added indirectly via the use of a dedicated cement or directly via adding the SCMs during concrete mixing
- as filler in concrete production: indirectly added via the use of a dedicated cement or directly added via adding filler during concrete mixing

Required evidence

1. Evidence of the optimized use of mineral components in line with the criterion (see the Annex).
-

E7.06 Optimized use of R-material

Criterion Type

Plant

Points achievable for this criterion

Concrete: 3 points

The plant has optimized the use of R-material (specific per unit of product) in line with the assessment according to E7.01.

OR

The criterion can also be fulfilled if measures (no older than 3 years) were implemented to reduce the amount (= percentage) of returned concrete.

OR

An increased use of manufactured sand and aggregates as replacement for natural material over the past 3 years is an eligible alternative to gain 1 Point.

Required evidence

1. (3 Points): Evidence of the optimized use of R-materials (see the annex).

OR

(3 Points): Evidence showing the measures (no older than 3 years) implemented to reduce the amount of returned concrete. **AND** Amount (= percentage) of returned concrete prior and after implementing such measures.

OR

(3 Points): The plant has a CSC R-Module certificate.

OR

(1 Point): Evidence showing the increased use of manufactured sand and aggregates vs. natural material over the past 3 years at the moment of certification.

E7.07 (EP) Reuse and further use of concrete elements in precast plants

Criterion Type

Plant

Points achievable for this criterion

Concrete: 1 point

The precast concrete plant takes back returned concrete elements and reuses them in new construction.

Required evidence

1. Evidence that >80% (by volume) of the returned concrete elements are reused for new construction.
 - photo evidence of storing/processing concrete elements
 - overview table of returned & reused concrete elements
-



E8 - Transport

Aim

To minimize the environmental impact of transportation.

Total points achievable for this credit

Concrete: 10 points

E8.01 Transport policy

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

The organization has a policy that addresses the environmental impacts of the transport of materials and products to customers.

Required evidence

1. A copy of the policy. If an external company takes over the transport service, it must be ensured that the policy also takes this into account.
-



E8.02 Transport management system

Criterion Type

Plant

Points achievable for this criterion

Concrete: 2 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The plant has a dispatching system in place that contains e.g. operations related transportation data in terms of modes of transportation and distances covered. Distances travelled by contractors are also covered.

Required evidence

1. Extract of the transportation management system (or logistical disposition system) showing that it contains the required items.
-

E8.03 Fuel saving awareness training

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

The organization performs training of its own and/or external drivers to create awareness for fuel efficient driving.

Required evidence

1. Copy of relevant training material/information
AND
participant list.
-



E8.04 Low emission transportation modes

Criterion Type

Plant

Points achievable for this criterion

Concrete: 6 points

The plant uses low CO2 emission transportation modes.

- F = 1 if at least one vehicle (owned and contracted) that is a permanent, integral part of the fleet uses low CO2 emitting fuels/technologies.
- F = 2 if at least 50% of the vehicles (owned and contracted) that are permanent, integral part of the fleet use low CO2 emission fuels/technologies.
- F = 3 if 100% of the vehicles (owned and contracted) that are permanent, integral part of the fleet use low CO2 emission fuels/technologies.

- D = 1 for vehicles where CO2 emission reducing fuels/technologies only apply to the drum.
- D = 2 for vehicles where CO2 emission reducing fuels/technologies apply to the main engine and, if applicable, also to the drum.

$P = F \times D$

- F = Fleet Transformation level
- D = Drives using CO2 emission reduction technology
- P = Points achieved

Required evidence

1. Evidence for the use of CO2 emission reducing fuel/technology as a permanent, integral part of the owned and contracted fleet. For accepted CO2 emission reducing fuels/technologies see the annex.

2. For vehicles using biodiesel or HVO (hydrotreated vegetable oil) all invoices for the year prior to certification demonstrating that at least 98% of all fueling was done with biodiesel/HVO.



Social

S1 - Local Community

Aim

To contribute to create long-term value in the community in which the company operates.

Total points achievable for this credit

Concrete: 14 points

S1.01 Policy

Criterion Type

Company

Points achievable for this criterion

Concrete: 4 points

The company has a policy in place to engage with the local community on a regular basis (at least once every three years if there are no major changes affecting the local community).

Required evidence

1. A copy of the policy.
-



S1.02 Social investment

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The company has a written policy to invest resources in initiatives and programs aimed at improving the social aspects of community life through for example the following:

- taking into account the promotion of community development in planning social investment projects;
- avoiding actions that perpetuate a community’s dependence on the company’s philanthropic activities, ongoing presence or support;
- partnering with other organizations, including government, business or non-governmental organizations (NGOs) to maximize synergies and make use of complementary resources, knowledge and skills;
- contributing to programs that provide access to food and other essential products for vulnerable or discriminated groups and persons with low income;
- taking into account land devaluation and displacement;
- improving the local infrastructure

Required evidence

1. A copy of the policy.
-



S1.03 Communication & information

Criterion Type

Plant

Points achievable for this criterion

Concrete: 1 point

The plant actively communicates with and informs the local community on all aspects that have or could significantly impact on them, such as increase/decrease of economic activities (extension/reduction of the plant), pollution (land, air, water, noise) and traffic.

Required evidence

1. Evidence of active communication and information, such as meetings with local authorities,, information sessions, flyers, folders and other forms of communication that actively seek to reach the local community.
-

S1.04 Noise/vibration management plan

Criterion Type

Plant

Points achievable for this criterion

Concrete: 1 point

- A noise and/or vibration management plan is in place.
- Stakeholders representing the local community have been informed when implementing the plan, unless no residential areas are affected.

Required evidence

1. Copy of the noise and/or vibration management plan

OR

equivalent evidence such as e.g. national law or a building/operational permit with a reference to noise limits and/or noise management

2. Evidence of the stakeholder consultation

OR

equivalent evidence such as e.g. building/operational permit in case a dialogue is part of the requirements and if noise protection is covered by national law

OR

evidence that no residential areas are affected by noise from the plant (e.g. zoning plan or other suitable maps)



S1.05 Implementation of the noise/vibration management plan

Criterion Type

Plant

Points achievable for this criterion

Concrete: 3 points

Concrete:

The strategies of the noise management plan have been implemented.

Cement and Aggregates:

The strategies of the noise management plan, and vibration management plan where blasting is involved, have been implemented.

If mining operations use blasting, the implemented management plan includes

- monitoring vibrations in nearby communities (measurements shall be done in appropriately selected internal and external points)

AND

- showing demonstrable efforts to reduce vibrations in nearby communities (e.g. use of ripping in most sensitive areas, use of pioneering blasting techniques to reduce vibrations beyond the site).

Required evidence

1. **Concrete:**

Evidence of the measures taken, e.g. photos.

Cement, aggregates:

Evidence of the measures taken, e.g. monitoring protocols or photos

OR

A management declaration, if no blasting is done



S1.06 Safety around site for the local community

Criterion Type

Plant

Points achievable for this criterion

Concrete: 2 points

The plant has taken active safety measures such that risks of injuries to passerby are minimized, such as:

- proper fences or clear identification of the industrial area around the site;
- signs to warn of any risks (e.g. swimming, fishing, high voltage)
- communications for the local community explaining site safety hazards

Required evidence

1. Evidence (photographs) of the measures taken.
-

S1.07 Transport to and from the site

Criterion Type

Plant

Points achievable for this criterion

Concrete: 1 point

Measures are taken to minimize the risk of accidents in the local community related to site transportation, such as:

- clear routing for trucks to the site(s)
- measures that reduce the risk of accidents (e.g. fences around play areas, accident prevention on trucks)

Required evidence

1. Evidence (photographs) of the measures taken.
-



S2 - Health Product Information

Aim

To protect human health and well-being of clients and users of the product.

Total points achievable for this credit

Concrete: 6 points

S2.01 Public availability of information about product risks and safety

Criterion Type

Company

Points achievable for this criterion

Concrete: 3 points

Current ingredient disclosures conform to criteria established by a third party along the lines of accepted regulations or frameworks (see the annex). Information is publicly available and addresses measurements on minimizing the risks associated with using the product.

Required evidence

1. Link or an exemplary copy of current, publically available disclosures such as safety data sheets. Publicly available means that the information is available to anyone on the web, without the need for special qualifications, permissions, or privileges.
-

S2.02 Proactive awareness downstream

Criterion Type

Company

Points achievable for this criterion

Concrete: 3 points

The company proactively makes downstream users (particularly small builders and do-it-yourself (DIY)) aware of the risk of using the product and how they may be minimized.

Required evidence

1. Evidence of the proactive approach towards downstream users, like written user instructions, tutorials, training conducted or similar.
-



S3 - Occupational Health & Safety

Aim

- to ensure the inclusion of workers into occupational safety and health (OSH) matters
- to protect the physical, mental and social well-being of workers
- to prevent harm to health caused by working conditions

Total points achievable for this credit

Concrete: 20 points

S3.01 Risk analysis

Criterion Type

Plant

Points achievable for this criterion

Concrete: 3 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		2 points	2 points	2 points

The company analyses and controls the health and safety risks involved in its activities:

- at least once every two years = 2 points
- at least once every year = 3 points

Required evidence

1. Evidence of the analysis
 - not older than two years at the moment of certification (e.g. by providing exemplary documents covering plants within the scope of certification) = 1 point.
 - not older than one year at the moment of certification = 2 points.
-



S3.02 Preventive actions

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete			x	x

The company takes preventive actions based on the findings of S3.01 (see the annex), including specifying and making available appropriate personal protective equipment (PPE), where appropriate.

Required evidence

1. Evidence that shows implementation actions, e.g. photographs of new equipments, educational documents, other documents providing evidence that measures have been taken.
-



S3.03 Occupational health and safety policy

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The company has an OHS policy in place which for example refers to:

- the scope of the policy
- training for health and safety
- toolbox instructions
- health and safety related measures
- registration of illness and safety incidents
- responsibilities
- insurance and liability

Required evidence

1. Copy of the policy
-



S3.04 Availability of the OHS policy

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete			x	x

The policy is shared with, and is available to every employee.

Required evidence

1. Evidence that the policy is available to all employees.
-

S3.05 Access to medical treatment

Criterion Type

Plant

Points achievable for this criterion

Concrete: 1 point

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The plant ensures quick access to medical treatment.

AND

If the plant regularly has more than five employees per shift on site, there should be at least one trained first aider in each shift.

Required evidence

1. Evidence about the availability of 1st aid or medical treatment within reasonable proximity.
2. Evidence that there is at least one trained first aider in each shift (e.g. shift plans, number of trained first aiders)

OR

Evidence that normally not more than five employees per shift are on site (e.g. shift plans).



S3.06 Access to clean drinking water

Criterion Type

Plant

Points achievable for this criterion

Concrete: 1 point

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

Access to clean drinking water and sanitation for all workforces on site must be guaranteed.

Required evidence

1. Evidence about the access to clean drinking water and sanitation, e.g. signed WASH pledge or photographs of facility or water quality report of municipality.
-

S3.07 Training on health and safety

Criterion Type

Plant

Points achievable for this criterion

Concrete: 2 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The company provides information and training on health and safety risks and measures to all persons concerned, such as employees, third party workers and visitors.

Required evidence

1. Minutes of training, scripts of educational training not older than two years at the moment of certification, or similar.
-



S3.08 Recording of incidents

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The company records:

- near misses*;
- medical incidents*;
- lost time injuries*;
- fatalities*

(*) equivalent terminologies may apply

Required evidence

1. Record/statistics not older than one and half years at the moment of certification.
-



S3.09 Corrective actions based upon incidents

Criterion Type

Company

Points achievable for this criterion

Concrete: 2 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The company analyses the following incidents and implements corrective actions:

- fatal incidents
- potential fatal incidents or near misses
- lost time incidents
- medical treatments

Required evidence

1. Documentation of the analysis and corrective actions, where applicable, taken after an incident
-

S3.10 No Lost Time Injuries (LTI) during the last three years

Criterion Type

Plant

Points achievable for this criterion

Concrete: 2 points

The plant has had no Lost Time Injuries (LTI) during the last three years at the moment of certification.

Required evidence

1. Evidence in the record/statistics that no LTI incidents have occurred at the plant during the last three years at the moment of certification.
-



S3.11 No fatality during the last three years

Criterion Type

Plant

Points achievable for this criterion

Concrete: 2 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				x

The plant has had no fatality involving employees, contractors and third parties during the last three years at the moment of certification.

Required evidence

1. Evidence in the record/statistics that no fatal incidents have occurred at the plant during the last three years at the moment of certification.
-



S4 - Labor Practices

Aim

To ensure the fair and equitable treatment of workers.

Total points achievable for this credit

Concrete: 8 points (+1EP)

S4.01 Policy on social protection

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

Where changes in operations would have major employment impacts, the company has a written commitment to provide reasonable notice to the appropriate authorities and representatives of the workers so that the implications may be examined jointly to mitigate any adverse impact to the greatest possible extent.

Required evidence

1. Copy of a formal document containing this commitment

OR

Local law in case this fulfills the requirement.



S4.02 Personal record for all employees

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

Every employee has a personal record dossier with proof of education and safety training relevant to the tasks the employees perform.

AND

All personal data and the privacy of the workers are protected against unauthorized access.

Required evidence

1. Evidence of the existence of personal records for all employees, for example a picture of the cover of the records of different people with different functions, or a letter signed by the person responsible for human resources that explains that records are kept for all employees.

OR

Relevant local laws.

2. Explanation, where possible supported by photographic evidence (e.g. a locked room, filing cabinet or password protected program), of how personal data is protected.

OR

Relevant local laws.

S4.03 Access to personal record for all employees

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

All employees are granted access to their personal record upon first request.

Required evidence

1. Copy of a formal document containing this right to access.

OR

Relevant local laws



S4.04 Personal evaluation

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

An appraisal procedure is in place which foresees regular evaluation meetings with the employee; the results of the meeting being signed off by the employee.

Required evidence

1. Representative sample of cover sheets of current evaluation reports for different employees with different functions.

2. A copy of the appraisal procedure.

S4.05 Availability of job profiles

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

A profile has been made for every job.

Required evidence

1. A copy of a number of representative function profiles.



S4.06 Skills development in the workplace

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete			x	x

All workers at all stages of their work experience are provided with access to skills development, training and apprenticeships, and opportunities for career advancement.

Required evidence

1. Evidence of access to skills development.
-

S4.07 Preventive medical examination

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

Regular preventive medical examination is offered to all employees at no cost at least every three years as recommended in the GCCA health management handbook.

Required evidence

1. Evidence of preventive medical examination no older than three years.
-



S4.08 Work-life balance

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete			x	x

Work-life balance in terms of reasonable working hours, parental and family leave opportunities, overtime voluntary, overpaid and infrequent, and other social services.

Conditions of work permit work-life balance in terms of reasonable working hours (overtime is voluntary and infrequent), parental leave and child care, and other services.

Required evidence

1. Evidence that choices in work-life balance are possible, such as evidence of facilities, voluntary contractual agreements

OR

Evidence (e.g. exemplary time sheets), that working hours comply with contract or locals laws

OR

Reference to local law (where applicable).



S4.09 (EP) External control of social standards and compliance with human rights

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

There is a reasonable level of external control of social standards and compliance with human rights via a dedicated external adequacy audit (see the annex).

Required evidence

1. Adequacy investigation comprising the following elements of human rights management:
 1. Culture (includes "tone from the top")
 2. Objectives
 3. Risks (includes risk assessments, reporting, KPIs)
 4. Programme (includes policy, whistleblowing, case management, sanctions)
 5. Organisation
 6. Communication (includes communication concept and trainings)
 7. Controls (including audits)

(for adequate evidence see the annex)



Economics

B1 - Local Economy

Aim

To promote the adoption of practices for the economic benefits of the local community.

Total points achievable for this credit

Concrete: 4 points

B1.01 Local Economy

Criterion Type

Plant

Points achievable for this criterion

Concrete: 4 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The plant serves the needs of- and supports the local economy.

Required evidence

1. Evidence where the local economy is supported, e.g. by local hire, local training, local suppliers, involvement of local businesses etc., taking into account the legal boundaries.
-



B2 - Ethical Business

Aim

To operate the business in a fair and ethical manner.

Total points achievable for this credit

Concrete: 9 points

B2.01 Ethical risk assessment

Criterion Type

Company

Points achievable for this criterion

Concrete: 3 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete		x	x	x

The company conducts and documents risk assessments of its operations focused on the avoidance of bribery and corruption, fair marketing, and respect of property rights, with maximum intervals of three years.

Required evidence

1. Evidence that a risk assessment has been performed less than 3 years before; this can be a confirmation that the auditor has seen the assessment or a copy of the assessment
-



B2.02 Policy or code for ethical business

Criterion Type

Company

Points achievable for this criterion

Concrete: 3 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete			x	x

The company has a policy or code of business ethics in place. The policy (policies, code/codes, framework) includes procedures that cover anti-corruption, fair competition and marketing.

Required evidence

1. A copy of the code, proving that suppliers are within the scope.
-

B2.03 Confidential investigation

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete			x	x

The organization has a mechanism for confidential investigation, resolution and reporting of suspected cases of bribery and/or corruption in place.

Required evidence

1. Evidence that a mechanism for confidential investigation (on company level) is in place. E.g.:
 - o a company hotline
 - o a publicly available telephone number to submit a complaint. Publicly available means that the information is available to anyone on the web, without the need for special qualifications, permissions, or privileges.
-



B2.04 Responsible political involvement

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				x

The company has training in place to secure the ethical business behaviour of its relevant employees.

Required evidence

1. Evidence of the training procedure, program, exemplary certificates or similar.
-

B2.05 Respect for property rights

Criterion Type

Company

Points achievable for this criterion

Concrete: 1 point

The company recognizes property rights, both physical and intellectual.

Required evidence

1. A policy or statement addressing the respect of property rights.
-



B3 - Innovation

Aim

To stimulate

- the development and implementation of new solutions that contribute to the sustainability of the operations, its products, its suppliers or other parts of the value chain,
- execution of best practices in the field of sustainability that are not covered by this certification systems, and
- exemplary performance under any criterion in this system.

Total points achievable for this credit

Concrete: 9 points

B3.01 Innovative solutions and/or exemplary performance

Criterion Type

Company

Points achievable for this criterion

Concrete: 9 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				1 point

The company develops, tests and/or implements innovative practices/products or demonstrates exemplary performance in the field of responsible sourcing in the sense of this CSC system and beyond.

Required evidence

1. The approval letter of the Innovation Committee, including the number of points to be awarded for the innovation or exemplary performance.
The formal process of applying for the Innovation Credit is described in the Innovation Credit Guidelines (see the annex).



B4 - Feedback Procedure

Aim

To establish a channel that allows the local community, employees and customers to provide feedback to the company.

Total points achievable for this credit

Concrete: 3 points

B4.01 Feedback and complaints procedure for the local community

Criterion Type

Plant

Points achievable for this criterion

Concrete: 1 point

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete			x	x

A feedback and complaint procedure and complaint facility is in place for the local community.

Required evidence

1. Link on website

OR

phone number

OR

Email address

OR

contact details of a responsible person to handle the complaints. The contact can also be on company level, as long as it covers local complaints/grievances.



B4.02 Feedback and complaints procedure for employees

Criterion Type

Plant

Points achievable for this criterion

Concrete: 1 point

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete			x	x

A feedback and complaint procedure and complaint facility is in place for employees.

Required evidence

1. Link on website

OR

phone number

OR

Email address

OR

contact details of a responsible person to handle the complaints. The contact can also be on company level, as long as it covers local complaints/grievances.



B4.03 Feedback and complaints procedure for customers

Criterion Type

Plant

Points achievable for this criterion

Concrete: 1 point

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete			x	x

A feedback and complaint procedure and complaint facility is in place for customers

Required evidence

1. Link on website

OR

phone number

OR

Email address

OR

contact details of a responsible person to handle the complaints. The contact can also be on company level, as long as it covers local complaints/grievances.



Chain of Custody

C1 - Cement

Aim

To stimulate the use of sustainable and responsible sourced cement.

Total points achievable for this credit

Concrete: 100 points

C1.01 Weighted average of cement suppliers percentages

Criterion Type

Plant

Points achievable for this criterion

Concrete: 100 points

The weighted average percentage of the cement supplied to the concrete plant undergoing certification. This percentage is calculated by the CSC supply chain calculation tool.

For calculating the percentage of cement supplied from different suppliers, data from the last calendar year must be used. If this data is not available, data of the previous year must be used.

Required evidence

1. The calculation-sheet with the weighted average percentage of the cement suppliers.

AND

A confirmation from the auditor that the percentage of supply is correct.



C1.02 Supply chain coverage and CSC supplier certificate

Criterion Type

Plant

Points achievable for this criterion

Concrete: 0 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				x

For the CSC-certification level of "Platinum" a concrete plant must provide evidence for a cement supply chain coverage of 75%. The coverage is proven by the respective mass of cement supplied from producers holding a CSC certificate at the level "Gold" or "Platinum". No points can be achieved.

Required evidence

1. Supply chain report and supplier certificate(s).
-



C2 - Aggregates

Aim

To stimulate the use of sustainable and responsible aggregates.

Total points achievable for this credit

Concrete: 100 points

C2.01 Weighted average of aggregate suppliers percentages

Criterion Type

Plant

Points achievable for this criterion

Concrete: 100 points

The weighted average percentage of the aggregates supplied to the concrete plant undergoing certification. This percentage is calculated by the CSC supply chain calculation tool.

For calculating the percentage of aggregates supplied from different suppliers, data from the last calendar year must be used. If this data is not available, data of the previous year must be used.

Required evidence

1. The calculation-sheet with the weighted average percentage of the aggregate suppliers.

AND

A confirmation from the auditor that the percentage of supply is correct.



C2.02 Supply chain coverage and CSC supplier certificate

Criterion Type

Plant

Points achievable for this criterion

Concrete: 0 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				x

For the CSC-certification level of "Platinum" a concrete plant must provide evidence for an aggregate supply chain coverage of 75%. The coverage is proven by the respective mass of aggregate supplied from producers holding a CSC certificate at the level "Gold" or "Platinum" No points can be achieved.

Required evidence

1. Supply chain report and supplier certificate(s).
-



C6 - Steel Reinforcement

Aim

To stimulate the use of steel reinforcement in precast concrete production made from certified responsibly sourced steel.

Total points achievable for this credit

Concrete: 100 points

C6.01 Weighted average of steel reinforcement made from responsibly sourced steel

Criterion Type

Plant

Points achievable for this criterion

Concrete: 100 points

The weighted average percentage of steel reinforcement made from certified responsibly sourced steel supplied to the precast concrete plant undergoing certification.

For calculating the percentage of steel reinforcement supplied from different suppliers, data from the last calendar year must be used.

For recognised steel certification labels see the Annex.

Required evidence

1. The calculation-sheet with the weighted average percentage of the steel rebar suppliers.

2. A confirmation from the auditor that the percentage of supply is correct.

3. As only rebars made from certified steel can contribute to the achievement of criterion "C6 Steel Reinforcement" the respective certificates must be provided as evidence.



C6.02 Supply chain coverage and Responsible Sourcing Certificate for steel reinforcement suppliers

Criterion Type

Plant

Points achievable for this criterion

Concrete: 0 points

Prerequisite to obtain

	Bronze	Silver	Gold	Platinum
Concrete				x

For the CSC-certification level of "Platinum" a precast concrete plant must provide evidence for a steel reinforcement supply chain coverage of 75%. The coverage is proven by the respective mass of steel reinforcement supplied from producers holding a recognized Responsible Sourcing Certificate for steel (see the annex). No points can be achieved.

Required evidence

1. Calculation sheet and steel reinforcement certificate(s)
-