

  
TRENTINO  
FILM COMMISSION



  
T-GREEN FILM

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Rating system for sustainable film production

To celebrate its **100<sup>th</sup> supported production** since its founding in 2011, the Trentino Film Fund and Commission are launching a new tool to promote environmental sustainability in the film industry.

**The only regional Film Fund to give both green certification and financial incentives for environmentally-friendly productions.**

Production companies shooting films or TV series in Trentino can now adopt the **T-GREEN FILM** rating system that will guide them, in all the stages of their work, towards an approach that is both environmentally financially sustainable. The initiative includes advice from how to optimise electricity consumption and the organisation of transport, to the selection of materials, catering solutions and much more. The independent environmental protection agency, APPA (Agenzia Provinciale per la Protezione dell'Ambiente), will take on the role of monitoring the different stages of production and the company's compliance with the scheme's criteria and, should the film receive certification, the Trentino Film Fund will reward the company with an incentive for their respect for the environment.

**How it works:**

- During the application, the company can **elect to adopt the T-GREEN FILM** rating system by stating how many green points they intend to obtain relating to a supplied checklist.
- During the evaluation phase, **extra points** – and thus an extra contribution – will be awarded on the basis of the green points accrued.
- Both during production and at the end of the shoot, the company will work closely with APPA, who will **verify** the company's performance of the required actions.
- On finishing the shoot, APPA will award the film with the **T-GREEN FILM certification** and the Trentino Film Fund will then release its **contribution**.

A territory rich in spectacular locations, a Film Fund that supports quality productions and, today, an additional tool for working in harmony with the environment.

Trentino: where all films come true  
[www.trentinofilmcommission.it](http://www.trentinofilmcommission.it)



## PREREQUIREMENTS - OBLIGATORY

# Sustainability Plan

## Purpose

To guarantee the practical and streamlined application of the adopted sustainability criterion, through the use of simple and concrete information, in order to create a shared mission with the aim of reducing environmental impact to the minimum and, at the same time, avoiding slowing down the troupe's work

## OBLIGATORY PREREQUIREMENTS: SUSTAINABILITY PLAN

		Rating
PR1	Sustainability plan – obligatory prerequisites	

## Criterion description

### PR1 SUSTAINABILITY PLAN

#### Requirements

Nominate a Head of Protocol Implementation ("Green Manager") and develop a Sustainability Plan that details choices made in order to render production sustainable in relation to the identified criteria. The Plan should be drafted in advance of shooting and should aim to involve all the crew and the troupe in the adoption of good practices.

#### Observations and suggestions

The Plan should therefore be communicated to each member of the production team, preferably by electronic mail, in such a way as to inform them of the environmental practices to be adopted on the set.

The Plan should include, for each criterion, precise references as to the actions to be taken on set and on location where filming is to take place.

In order to render work more efficient, it would be opportune to supply spe-

cific information to each department: for example, drivers transporting people and goods should specifically know the Plan's directives on optimising transport and the need to use public transport as much as possible.

The *Head of Protocol Implementation ("Green Manager")* should have a proven track record of at least two years in the field of environmental consulting.

#### **Verification procedure**

Documentary verification: the plan should be communicated to the *Trentino Film Commission* and to the Provincial Environmental Protection Agency (Agenzia Provinciale per la Protezione dell'Ambiente, or APPA) who will, in turn, send it to the Public Institutions involved and in particular to the municipal administration departments, not only to provide local bodies with a guarantee but also to foster collaboration for the Plan's success.

It will also be necessary to produce copies of:

- Emails confirming the transmission of the Plan to the members of the staff and the troupe.
- The minutes of the kick-off meeting with the troupe's department heads in the presence of the *Head of Protocol Implementation ("Green Manager")*.

Verification on set: verification on set will be performed by APPA personnel and is intended to assess the crew members' actual knowledge of the Plan.

CRITERION A

Energy Saving

Purpose

To ensure an efficient reduction of the cinematographic production’s environmental impact, limiting as much as possible polluting emissions and wastage of energy resources. To rationalise the use of resources favouring economic savings.

CRITERION A:  
ENERGY SAVING

		Points
A1	Temporary connections to the electricity distribution grid	4
A2	Euro 5 electricity generators	1
A3	Green energy	2
A4	Fluorescent / LED lighting	max 3
		LED: 3 points Fluorescent + LED: 1 point

Criterion description

A1 TEMPORARY CONNECTIONS TO  
THE ELECTRICITY DISTRIBUTION GRID

Requirements

The exclusive use of electrical energy supplied through temporary connections to the electricity distribution grid, by contacting local suppliers, and avoiding the need to use electricity generators. The use of electricity generators does not constitute an alternative to temporary connections but is, rather, a solution to be adopted only in situations where it is impossible to connect to the grid.

Observations and suggestions

A temporary grid connection involves a fixed cost upon agreeing the contract and variable costs calculated on actual consumption in kilowatts per hour; these costs will be greatly inferior to the costs of operating generators. After each location inspection, it will be advantageous to identify the relevant energy supplier in the area hosting the shoot and to contact them to verify the possibility of a temporary connection.

**Verification procedure**

Documentary verification:

- Supply: production of copies of contracts agreed with electrical energy supplier(s).
- Consumption: production of invoices with a breakdown of data relative to the use of temporary connections to the grid and the relative costs.

Verification on set: Verification on set will be performed by APPA personnel and is intended to attest the absence of electricity generators.

**A2****EURO 5 ELECTRICITY GENERATORS****Requirements**

To satisfy the criterion, it will be necessary to be equipped solely with Euro 5 generators, with the aim of limiting the environmental impact and of reducing the costs related to fuel consumption.

**Verification procedure**

Documentary verification: present a copy of the hire contract for the generators, with details that meet the Euro 5 category requirements.

At the end of the shoot, present a report of the hours of generator use, with the aim of monitoring consumption.

Verification on set: verification on set will be performed by APPA personnel and is intended to assess the number of generator being used.

**A3****GREEN ENERGY****Requirements**

Draw on renewable energy sources within the relevant territory, when possible using these rather than non-renewable sources.

**Option 1:**

Enter into contracts with energy suppliers that provide, exclusively, energy produced from renewable sources.

**Option 2:**

Produce energy directly from renewable sources, for example by using stand-alone photovoltaic kits to recharge batteries.

**Verification procedure**

Documentary verification:

**Option 1:**

Produce a copy of the contract and a declaration from the supplier that attests to the renewable energy provenance of all of the electricity supplied (within the terms of the contract).

**Option 2:**

Present invoices relating to the buying or hiring of energy production kits used, along with photographs confirming their use.

Verification on set: verification on set will be performed by APPA personnel and is intended to document the actual use of the declared production kits.

**A4****FLUORESCENT/LED LIGHTS****Requirements**

Avoid incandescent or halogen lighting-systems due to their notable energy consumption characteristics which impact negatively on environmental sustainability as well as their high economic costs.

As alternatives:

**Option 1 (3 points):**

Exclusive use of lighting equipment with LED technology, a preferable option because incandescent systems result in an average energy consumption of 90% more (like for like consumption) than LED systems

**Option 2 (1 point):**

Use a combination of LED and fluorescent, or exclusively fluorescent, lighting systems; although not as energy-efficient as LED, fluorescent illumination allows for an energy saving of 60% in respect to incandescent systems.

**Verification procedure**

Documentary verification: present invoices relative to the purchase or hire of illumination systems used, along with photographic documentation showing their use. The criterion will be satisfied if lighting systems correspond to the above-mentioned LED/fluorescent types.

Verification on set: verification on set will be performed by APPA personnel and is intended to attest the lighting-systems that are actually being employed and to verify the absence of non-admitted lighting-systems (halogen).



CRITERION B

# Transport and accomodation Arrangements

## Purpose

To reduce polluting emissions deriving from travelling by motorised transport, through a rational organisation of movements, thus enabling a reduction of fuel consumption costs.

### CRITERION B: TRANSPORT AND ACCOMMODATION ARRANGEMENTS

		Points
B1	Transport optimisation	4
B2	Euro 5 vehicles	1
B3	Hybrid, methane or GPL vehicles	3
B4	Accommodation arrangements: within 10 km of the set	3
B5	Accommodation arrangements: host structure certificate	2

## Criterion description

### B1 TRANSPORT OPTIMISATION

#### Requirements

Nominate a Mobility Manager to draw up a Transport Organisation Plan that will be concerned with the technicians’ vehicles present on the set and the personal transport vehicles both on the set and for transport from the set to accommodations and vice versa. The Plan should be prepared, and sent to Trentino Film Commission and to APPA, before the start of filming and must contain information regarding:

- The number and typology of vehicles to be used.
- An estimate of the trips to be made by each vehicle, subdivided into single journeys.
- An estimate of the number of people travelling in each vehicle, subdivided into single journeys.

### Observations and suggestions

The principle from which to start is to resort to the least number of vehicles possible, and thus it is useful to analyse all other criteria, choose which to follow and, at that point, to select the most appropriate mode of transport in consideration of everyday life on set.

### Verification procedure

Documentary verification:

- Specify the name of the appointed Mobility Manager.
- Present the Transport Organisation Plan before starting the shoot.
- Keep the Head of *Protocol Implementation ("Green Manager")* constantly updated with regards the organisation of vehicle movements.
- Accurately record relevant data relating to fuel consumption, distances travelled and the numbers of travellers in each vehicle.

Verification on set: verification on set will be performed by APPA personnel and is intended to record the production vehicles actually being used and to assess the crew members' actual knowledge of the Plan.

## B2 EURO 5 VEHICLES

### Requirements

The exclusive use of Euro 5 certified vehicles

### Verification procedure

Documentary verification: present copies of the vehicles' logbooks as well as a copies of hire contracts.

Verification on set: verification on set will be performed by APPA personnel and is intended to record the production vehicles actually being used and to verify the absence of non-admitted vehicles (Euro 4 or below).

## B3 HYBRID, METHANE OR GPL VEHICLES

### Requirements

The most ecological and economical solution for transport vehicles is represented by hybrid, methane and GPL vehicles: contact suppliers who stock vehicles with the above requirement.

The requirement must be met exclusively in respect to vehicles destined for the transport of people.

### Verification procedure

Documentary verification: compile a list of the sourced vehicles (hybrid, methane or GPL). In the event that some vehicles types are not available, resort to the least polluting solution possible (Euro 5) in order to satisfy the criterion. In this case, too, present copies of the vehicles' logbooks as well as copies of hire contracts.

Verification on set. Verification on set will be performed by APPA personnel and is intended to record the production vehicles actually being used and to verify the absence of non-admitted vehicles (Euro 4 or below).

## B4 ACCOMMODATION ARRANGEMENTS: WITHIN 10 KM OF THE SET

### Requirements

Select accommodation within a 10 km radius of the set.

### Observations and recommendations

The choice of accommodation impacts on vehicle movements and consequently on polluting emissions and fuel costs; for this reason, it is important to choose accommodation that is as close as possible to shoot locations. Arranging accommodation nearby also helps to simplify transport organisation in terms of time management and to reduce the work-pace of those involved in driving vehicles.

**Verification procedure**

List the troupe's accommodation locations and supply graphic evidence (e.g. maps, satellite photographs) with distances indicated.

**B5**

**ACCOMMODATION ARRANGEMENTS:  
ACCOMMODATION CERTIFICATION**

**Requirements**

Regarding hotel accommodation, only stay in structures in possession of *Ecolabel* or *Qualità Parco Adamello Brenta* sustainability certification.

**Verification procedure**

Produce a list of the hotels used and their relative certifications.

CRITERION C

# Catering

## Purpose

To guarantee troupe members nutrition that is both healthy and of good quality, yet that respects the environment by reducing, as far as possible, the production of waste from catering operations and CO<sub>2</sub> emissions originating from organisational choices that are costly both from an environmental and an economic perspective.

CRITERION C: CATERING			Points
C1	Drinking water		4
C2	Meals provision		3
C3	Reusable or compostable tableware <small>reusable: 2 points compostable and reusable: 1 point</small>		max 2
C4	Ecoristorazione Trentino (Trentino Ecocatering)		2

## Criterion description:

### C1 DRINKING WATER

#### Requirements

For the provisioning of drinking water, choose exclusively a combination from the following options, avoiding, at all costs, small plastic bottles:

- Take advantage of the local water mains network.
- Use large water containers for the distribution of water.
- Use flasks when drinking.

#### Observations and suggestions

The use of plastic water bottles and cups involves the daily production of rubbish (light packaging) which needs to be disposed of in compliance with local waste differentiation laws that may vary according to the location of the shoot.

Avoiding such waste constitutes an environmental solution from both an economic and organisational perspective.

The Provincial Health Services (*L'Azienda Provinciale per i Servizi Sanitari*, or **APSS**) conducts constant monitoring of the area's water, guaranteeing the service's users the possibility of drinking potable water via taps and water-fountains; as an alternative, water can be dispensed using large containers which are, in any case, far more ecological than the 'classic' small bottles.

By respecting this criterion, it is possible to reduce the use of motorised transport, both for the purchase of bottles of water and plastic cups and for the disposal of waste, thus reducing the consequences of CO<sub>2</sub> emissions and fuel consumption.

#### Verification procedure

Documentary verification: present invoices for the purchase of large containers of water or of personal drinking flasks, considering the possibility of either negotiating an agreement with the manufacturing companies themselves or with local suppliers of the above-mentioned products.

Inform the *Head of Protocol Implementation ("Green Manager")*, who will verify the drinking water consumption procedures during the shoot.

Verification on set: verification on set will be performed by APPA personnel and is intended to attest that plastic bottles are not being used, and to assess that the use of large water container is combined with the use of personal flasks or reusable cups (disposable cups are not admitted).

## C2 SERVING MEALS

#### Requirements

When serving food to the troupe, consider the following options:

- In the case of using catering services or field kitchens, do not use paper or plastic lunch-boxes for serving meals but, rather, use a self-service system.
- Consume meals at nearby eating establishments.

#### Observations and suggestions

Very often, meals are provided by giving members of the troupe single portions to be eaten on the set: in this case, too, by eliminating as much packaging as possible, it is possible to reduce the production of rubbish.

The key requirement for respecting this criterion is, therefore, the elimination of food packaging such as paper and plastic lunch-boxes. In the case of a catering service or a field kitchen, it will be necessary to employ a self-service system for serving food. If, on the other hand, an eating establishment is available in the vicinity of the shoot, the problem of disposing of eventual rubbish can be avoided by consuming meals on the premises.

#### Verification procedure

Documentary verification: in the case where meals are consumed on a restaurant's premises, simply presenting the invoice will be sufficient as it is the restaurant's duty to guarantee the use of reusable cutlery and crockery as well as the to correctly dispose of eventual rubbish.

In the case of a catering service or a kitchen, however, it will be necessary to supply either a copy of the contract, or the signed agreement, where it clearly states that meals will not be served in paper or plastic lunch boxes.

Verification on set: verification on set will be performed by APPA personnel and is intended to attest that disposable food packaging and lunch boxes are not being used and to verify that meals are supplied through a self-service system (employing reusable cutlery and crockery), or served by a restaurant located in the vicinity of the set.

## C3 REUSABLE OR COMPOSTABLE TABLEWARE

#### Requirements

For the consumption of food and beverages, use:

**Option 1 (2 points):**

Reusable tableware;

**Option 2: (1 point):**

A combination of reusable and compostable tableware, or exclusively compostable tableware.

### Observations and suggestions

The elimination of paper and plastic lunch-boxes in the serving of food is not, in itself, enough to eliminate the problem of rubbish: catering should include in their service the provision of reusable or compostable tableware, thus reducing the impact on the environment. Bar services offered on set require the use of plastic cups for tea and coffee: in order to respect this criterion, it will be necessary to buy compostable cups in order to reduce the environmental impact.

### Verification procedure

Documentary verification:

1. Present copies of the contract agreed with the supplier of the catering service, where it is clearly stated what type of tableware will be used in the distribution of food.
2. Present invoices for the purchase of all materials used in bar services offered on set.

Verification on set: verification on set will be performed by APPA personnel and is intended to attest that non-admitted tableware, cutlery and crockery (i.e. disposable) are currently not being used.

Satisfying this criterion contributes to complying with the obligations set out in criteria C2 and C3 above.

### Verification procedure

To comply with this criterion, it is only necessary to present invoices relating to the consumption of meals in an establishment that holds the *Ecoristorazione Trentino* badge.

## C4

## ECORISTORAZIONE TRENINO (TRENINO ECO-CATERING)

### Requirements

For the distribution of meals (using restaurant or catering operations), only use commercial enterprises that adhere to the Ecoristorazione Trentino initiative.

### Observations and suggestions

The *Ecoristorazione Trentino* initiative provides specifications with which to classify restaurants and catering companies that adhere to good ecological practices.

The *Ecoristorazione Trentino* initiative specifications oblige adhering commercial enterprises to produce a menu sourced in Trentino, to use organic products, and to eliminate single-use packaging and single-use products (tableware included).

## CRITERION D

# Materials Selection

## Purpose

To encourage the use of materials that, as far as possible, respect the environment, thus guaranteeing the well-being of both the location and the people working on the set. To avoid wasting materials by finding efficient solutions for their reuse.

### CRITERION D: MATERIALS SELECTION

		Points
D1	Certified suppliers and products	3
D2	Recyclable materials or materials deriving from reuse	1
D3	Reuse of props materials	2
D4	Paper-based communications	3

## Criterion description

### D1 CERTIFIED SUPPLIERS AND PRODUCTS

#### Requirements

For the construction of sets:

#### Option 1:

Use:

- FSC or PEFC certified timber;
- *Ecolabel* or *Blauer Engel* certified varnishes and paints;

#### Option 2:

Contact at least one supplier that has ISO 14001 or EMAS certification.

#### Observations and suggestions

Research all the information necessary concerning environmental certification

with a view to finding the most ecological solution possible, preferably making use of local suppliers. Pay particular attention to the procedures of disposal of materials, especially paints, varnishes and their containers.

#### Verification procedure

Produce a copy of the supplier's invoice and the certificates relating to the option selected.

## D2 RECYCLED MATERIALS OR MATERIALS DERIVING FROM REUSE

#### Requirements

Recycling constitutes a cornerstone in environmental sustainability. The use of recycled or reused set materials or objects and costumes can guarantee both ecological and economic savings.

To satisfy this criterion, it is therefore necessary and sufficient to collaborate with companies and associations that offer these types of products and to reach an agreement that confirms the supply or hire of these materials and costumes, irrespective of quantities and usage.

#### Verification procedure

Documentary verification: produce copies of invoices and/or contracts and/or transport documents and/or written agreements that attest to the use of materials, objects or costumes that are derived from recycling or reuse.

Verification on set: verification on set will be performed by APPA personnel and is intended to record the recycled or reused set materials, objects, or costumes actually being used.

## D3 REUSE OF PROPS MATERIALS

#### Requirements

At the end of shooting, it will be necessary to decide what to do with materials that are still in good condition, following the 'virtuous circle' of reuse. The materials should be made available for reuse by other organisations, who should collect the materials and a document should be drawn up with the same organisation stipulating the release of said materials.

#### Verification procedure

Produce copies of invoices and/or contracts and/or transport documents and/or written agreements that attest to the transfer of reusable props and materials to parties that guarantee their reuse (therefore excluding scrap and recycling yards).

## D4 PAPER-BASED COMMUNICATIONS

#### Requirements

Reduce to the minimum paper-based communications.

For internal communications relative to daily agendas, journeys to be made with motor vehicles and any other useful information to be communicated to the troupe members, resort to electronic communication whenever possible.

#### Verification procedure

Documentary verification: insert the addresses of the Trentino Film Commission in electronic distribution lists when communicating orders of the day and any other information notices.

Verification on set: verification on set will be performed by APPA personnel and is intended to attest that unnecessary paper-based communications are actually not being used.



CRITERION E

# Waste Management

## Purpose

During the entire course of filming, ensure correct management of waste and give priority to recovering and recycling materials over their disposal, thereby reducing the film production’s impact on the environment.

### CRITERION E: WASTE MANAGEMENT

		Points
E1	Waste differentiation	4

## Criterion description

### E1 DIFFERENTIATED WASTE COLLECTION

#### Requirements

Implement differentiated waste collection on the set:

1. Equip areas on set and in the base camp with designated waste bins that bear clear instructions as to their use and ensure that they are easily distinguishable.
2. Inform the members of the troupe of the regulations in force concerning the disposal of waste.
3. Dispose of bulky, non-reusable materials at the nearest waste-collection centres (Centri di Raccolta Materiale, CRM).
4. Dispose of any special waste at the nearest reception centre.

#### Verification procedure

Documentary verification:

1. Supply photographic documentation that attests to the equipping of the set with differentiated waste disposal facilities.

2. Produce a copy of contracts with waste disposal organisations (please bear in mind that in Trentino, according to the location, there may be different waste disposal companies and there may be variations in some criteria in each waste differentiation system).

Verification on set: verification on set will be performed by APPA personnel and is intended to:

3. Attest the presence on set of bins for differentiated waste disposal;
4. Check the correct use of rubbish bins by means of a sampling procedure aiming at verifying that waste differentiation is actually performed in accordance to local regulations;
5. Assess the procedure being used to collect and transport differentiated waste to waste-collection centres (Centri di Raccolta Materiale, CRM).



CRITERION F

# Communications

## Purpose

The promotion of communication events linked to film production that allow for public dissemination of the industry’s adoption of good practices linked to sustainability. The development of the public’s awareness of issues concerning environmental sustainability.

### CRITERION F: COMMUNICATIONS

			Points
F1	Communicating Sustainability	Press kit document: 1 point Trailer/clip/backstage: 2 points Press conference: 1 point Initiative proposed by production: 1 point	max 5

## Criterion description

### F1 COMMUNICATING SUSTAINABILITY

#### Requirements

The implementation of diverse initiatives for the communication of good practices adopted in order to render film production sustainable, with the aim of increasing public awareness of issues concerning environmental sustainability. Communicating sustainability initiatives can include:

- a) The insertion, in the film’s press kit, of documents attesting to the green measures taken (1 point).
- b) The production of a **trailer/clip/backstage** presenting good sustainability practices adopted (2 points).
- c) An explanation, in the film’s press conference, of the green measures adopted (1 point).
- d) Other initiatives proposed by Production (1 point).

#### Verification procedure

Proposed communication initiatives must be announced in good time and agreed on with the **Trentino Film Commission** and the **Provincial Agency for Environmental Protection** (Agenzia Provinciale per la Protezione dell’Ambiente, or APPA).

OBLIGATORY PREREQUIREMENTS: SUSTAINABILITY PLAN			Rating	Check
PR1	Sustainability plan - obligatory prerequisites			
CRITERION A: ENERGY SAVING			Points	
A1	Temporary connections to the electricity distribution grid	4		
A2	Euro 5 electricity generators	1		
A3	Green energy	2		
A4	Fluorescent / LED lighting	max 3		
	LED: 3 points Fluorescent + LED: 1 point			
CRITERION B: TRANSPORT AND ACCOMMODATION ARRANGEMENTS			Points	
B1	Transport optimisation	4		
B2	Euro 5 vehicles	1		
B3	Hybrid, methane or GPL vehicles	3		
B4	Accommodation arrangements: within 10 km of the set	3		
B5	Accommodation arrangements: host structure certificate	2		
CRITERION C: CATERING			Points	
C1	Drinking water	4		
C2	Meals provision	3		
C3	Reusable or compostable tableware reusable: 2 points compostable and reusable: 1 point	max 2		
C4	Ecoristorazione Trentino (Trentino Ecocatering)	2		
CRITERION D: MATERIALS SELECTION			Points	
D1	TCertified suppliers and products	3		
D2	Recyclable materials or materials deriving from reuse	1		
D3	Reuse of props materials	2		
D4	Paper-based communications	1		
CRITERION E: WASTE MANAGEMENT			Points	
E1	Waste differentiation	4		
CRITERION F: COMMUNICATIONS			Points	
F1	Communicating Sustainability	max 5		
	Press kit document: 1 point Trailer/clip/backstage: 2 points Press conference: 1 point Initiative proposed by production: 1 point			



**T-GREEN FILM** has been developed in collaboration with APPA (Agenzia Provinciale per la Protezione dell'Ambiente) and TIS Engineering



**TIS engineering**