



# GREEN FILM

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Rating system for sustainable film production

### What is GREEN FILM

A **tool** designed for Film Funds, Film Commissions, broadcasters or other entities wishing to encourage film and TV series producers to work in an environmentally friendly way. Via this instrument, producers are guided to work as far as possible in an environmentally sustainable manner.

A **brand** that certifies environmental sustainability for audiovisual productions.

A **network** of entities that work in a coordinated manner to implement strategies and tools for sustainable cinematography and to collectively create sustainability-related training activities.

### How does GREEN FILM work

#### Before the shooting

- Using a *checklist*, the producers declare which environmental sustainability criteria listed in the GREEN FILM rating system they wish to comply with during the shooting.
- Based on the number of green points stated by the producer, the GREEN FILM adopting entity may decide to award the project with some kind of incentives, prizes or services.

#### During the shooting

- The production undertakes to comply with the criteria adopted.
- A certifying body verifies whether the criteria are actually being complied with.

#### After the shooting

- The certifying body completes the verification of compliance with the environmental sustainability criteria declared by the production prior to starting the shooting.
- If the verification is positive, the production receives the GREEN FILM environmental sustainability certification by the certifying body and the incentives, prizes or services offered by the GREEN FILM adopting entity.

### Why adopt GREEN FILM

- It fosters the green approach in an industrial sector that has a strong power of communication.
- It allows to be part of a Network working on the implementation of good practices and on the organization of coordinated training activities.
- It is easy to use and has already been tested by various film and TV productions.
- It is a shared scheme that facilitates producers in going green when operating in different regions and in the case of co-productions.

Find out more on [green.film](https://www.green.film)

## PREREQUISITES - MANDATORY

# Planning sustainability

## Purpose

Plan beforehand the practical and streamlined application of the sustainability criteria to be adopted, using simple and concrete information, in order to reduce environmental impact to a minimum but without slowing down the crew's work.

Plan beforehand production mobilization so as to optimise transportation and therefore reduce its environmental and economic impact.

### PREREQUISITES - MANDATORY: PLANNING SUSTAINABILITY

		Rating
PR1	Sustainability plan – mandatory prerequisite	✓
PR2	Transport optimization plan – mandatory prerequisite	✓

### Criterion description:

#### PR1 SUSTAINABILITY PLAN

##### Requirements

Every action indicated below must be performed before starting the shoot.

Nomination of a **Head of Protocol Implementation (“Green Manager”)** with at least two years of experience in the field of environmental consulting.

Drafting of a **Sustainability Plan** describing the choices made to make production sustainable, based on the criteria identified. The Sustainability Plan will be transmitted to:

- the local GREEN FILM adopting entity (e.g. Film Fund, Film Commission, etc.)
- the certifying body
- each member of production, preferably via e-mail.

The *Green Manager* will arrange a *kick-off meeting* for training purposes with at least the heads of department.

### Observations and suggestions

The Sustainability Plan should include, for each criterion, precise reference as to the actions to be taken on each set. The aim of the Plan is to involve all of the staff and crew members in implementing best environmental practices.

The *kick-off meeting* with the heads of department is to be seen as an opportunity for training. At this meeting it is best to provide specific information to each single department. Drivers transporting people and goods, for example, should know in detail the plan for optimizing transport and the need to use public transport whenever possible.

The local GREEN FILM adopting entity and the certifying body may transmit the Plan also to the public bodies involved, and especially to the municipal boards, in order to provide them with guarantees as well as to boost their cooperation towards the successful outcome of the Plan.

### Verification procedure

**Document verification.** Produce the originals or copies of the following:

- Sustainability Plan (before starting the shoot);
- nomination and resume of the *Green Manager* (before starting the shoot);
- e-mails with the Plan attached sent to crew and staff members;
- minutes of the *kick-off meeting*.

**Verification on set.** The verification on set shall be conducted by the local Certifying body in order to assess the crew members' effective knowledge of the Plan.

## PR2 TRANSPORT OPTIMIZATION PLAN

### Requirements

Before starting the shoot, nominate a *Mobility Manager* who will draft a Transport Organization Plan concerning the technicians' vehicles present on set and the personal transport vehicles both on the set and for transfer of people from the set to accommodation facilities and vice versa.

The Plan should be drafted and sent to the GREEN FILM adopting entity and to the Certifying body before starting the shoot, and must contain the following indications:

- number and type of vehicles used;
- an estimate of the number of trips to be made by each vehicle, divided into single journeys;
- an estimate of the number of occupants of each vehicle, divided into single journeys.

During the shoot, the contents of the Plan must be kept in consideration and updated in the event of new requirements, recording the data related to each trip.

### Observations and suggestions

The starting principle should be that of using the smallest number possible of vehicles. To this end, it is best to analyse all of the other criteria pertaining to transportation, choose which to follow and at that point select the most suitable mode of transportation in consideration of everyday life on the set.

### Verification procedure

**Document verification.** Produce the originals or copies of the following:

- nomination of the appointed *Mobility Manager* (before starting the shoot);
- Transport organization Plan (before starting the shoot);
- Logging of the data regarding fuel consumption, distance travelled and number of people travelling in each vehicle.

**Verification on set.** The purpose of the verification on set by the staff of the local Certifying body is to record the vehicles actually being used.

## 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 power distribution grid	3
A2	Green power	3
A3	LED lighting	3

### Criterion description:

#### A1 TEMPORARY CONNECTIONS TO THE ELECTRICITY DISTRIBUTION GRID

##### Requirements

Use only power supplied via temporary connections to the power distribution grid, contacting local suppliers, without using portable generators.

##### 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**

**Document verification.** Produce the originals or copies of the following:

- contracts entered into with the power supplier(s);
- power invoices;
- a summary table of all sets and the corresponding references of power supply used in each one (supplier, contract).

**Verification on set.** The purpose of the verification on set by the staff of the local Certifying body is to check that no portable generators are being used.

## A2 GREEN POWER

**Requirements***Option 1:*

Enter into contracts with energy suppliers that provide, exclusively, energy produced from renewable sources with reference only to power utilities activated locally directly by the production.

*Option 2:*

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

**Observations and suggestions**

To demonstrate that the power used is 100% from renewable sources, use supplies with a 'Guarantee of Origin' certificate or obtain from the supplier a signed statement regarding the renewability of all of the energy sources used to produce the electricity supplied to the production.

**Verification procedures***Option 1:*

Produce the originals or copies of the following:

- supply contract
- power supplier's statement indicating the provenance of the renewable sources of all of the electricity supplied (under the contract) and/or
- 'Guarantee of Origin' certificate of the supply.

*Option 2:*

**Document verification.** Produce the originals or copies of the invoices for the purchase or rental of the production kits used and photographic evidence of their use.

**Verification on set.** The purpose of the verification on set by the staff of the local Certifying body is to verify the presence of the production kits used.

## A3 LED LIGHTING

**Requirement**

Avoid the use of incandescent, halogen or fluorescent lighting systems. Use only lighting with LED lamps.

**Observations and suggestions**

Incandescent, halogen and fluorescent lamp lighting systems consume much more electricity than LED lamps, and therefore negatively affect environmental sustainability and costs.

**Verification procedure**

**Document verification.** Produce the originals or copies of the invoices for the purchase or rental of the lighting systems used on which is indicated that they are LED technology-based, and photographic evidence of their use.

**Verification on set.** The purpose of the verification on set by the staff of the local Certifying body is to take note of the lighting systems actually used and verify that no unallowed lighting systems are being used.

## CRITERION B

# Transport and accommodation



## 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

		Points
<b>B1</b>	Euro 5 vehicles	1
<b>B2</b>	Euro 6, hybrid, methane or LPG vehicles	4
<b>B3</b>	Accommodation: within 10 km of the set	4
<b>B4</b>	Accommodation: certified accommodation facilities	3

## Criterion description:

### B1 EURO 5 VEHICLES

#### Requirements

The exclusive use of Euro 5 certified vehicles.

#### Verification procedure

**Document verification.** Produce the originals or copies of the following:

- vehicle registration documents;
- rental contracts, if any.

**Verification on set.** The purpose of the verification on set by the staff of the local Certifying body is to take note of the vehicles actually used and verify that no unallowed vehicles (Euro 4 or lower) are being used.

**B2****EURO 6, HYBRID, METHANE  
OR LPG VEHICLES****Requirements**

Use only Euro 6 standard-complying vehicles and/or vehicles with methane, LPG, electric or hybrid engines.

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

**Verification procedure**

**Document verification.** Produce the originals or copies of the following:

- a list of the vehicles found- Euro 6, methane, LPG and/or electric;
- the vehicles' registration documents;
- rental contracts, if any.

**Verification on set.** The purpose of the verification on set by the staff of the local Certifying body is to take note of the vehicles actually used and verify that no unallowed vehicles (Euro 5 or lower) are being used.

**B3****ACCOMMODATION:  
WITHIN 10 KM OF THE SET****Requirements**

Select accommodation within a 10 km radius of the set, except when the sets are used for only one day of shooting.

**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**

Produce the originals or copies of the following:

- the list of accommodation facilities of the crew;
- the corresponding invoices (or similar proof) for the accommodation;
- the graphic evidence of the distance of accommodation from the set (example: maps/satellite photographs with distances indicated).

**B4****ACCOMMODATION:  
CERTIFIED ACCOMMODATION FACILITIES****Requirements**

As regards hotels, choose to stay in sustainable facilities with ISO 14024 third party environmental certification (such as EU Ecolabel) for at least 50% of the nights stayed.

**Observations and suggestions**

To read all of the actions of the standard, which facilities are certified and any other information regarding the EU Ecolabel for tourist accommodation facilities, visit: <https://ec.europa.eu/environment/ecolabel/>

**Verification procedure**

Produce the originals or copies of the following:

- the list of hotels used;
- their certifications;
- a table summarising the number of nights stayed overall by the production;
- the invoices for accommodation.

## CRITERION C

## Catering

## Purpose

To guarantee crew 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 CO2 emissions originating from organisational choices that are costly both from an environmental and an economic perspective.

### CRITERION C: CATERING

CRITERION C: CATERING		Points
C1	Drinking water <i>Local water network: 4 points Freestanding water dispensers: 3 points</i>	max 4
C2	Supply of meals <i>Restaurants: 3 points Catering without lunch-boxes: 1 point</i>	max 3
C3	Reusable tableware	3
C4	Hot beverages on set <i>Washable cups and ground coffee: 3 points Cellulose cups and gauze coffee pods: 1 point</i>	max 3

### Criterion description:

#### C1 DRINKING WATER

##### Requirements

The provisioning of drinking water and of cold beverages on set can be done without using plastic bottles. When provisioning is done using cups (or other similar containers), the cups must not be of the disposable kind.

For the provisioning of drinking water, it is possible to:

**Option 1** (4 points):

use only the local water supply network;

**Option 2** (3 points):

use freestanding water dispensers.

### Observations and suggestions

The use of plastic water bottles and disposable 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 where the set is located. Avoiding such waste constitutes an environmental solution from both an economic and organisational perspective.

The health authorities in charge conduct 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 freestanding water dispensers that are, in any case, far more ecological than plastic bottles.

The use of flasks or other personalised containers made of washable material by crew members is recommended.

By respecting this criterion, it is possible to indirectly 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 CO2 emissions and fuel consumption.

### Verification procedure

#### Document verification.

**Option 1:**

Produce the originals or copies of the following:

- a list of the sets used for shooting and of the corresponding local network water taps used for each set;
- the invoices regarding the purchase of flasks, washable cups or other non-disposable containers used for the provisioning of drinking water.

**Option 2:**

Produce the originals or copies of the following:

- the invoices regarding the purchase of the bottles for freestanding water dispensers;
- the invoices regarding the purchase of flasks, washable cups or other non-disposable containers used for the provisioning of drinking water.

**Verification on set.** The purpose of the verification on set by the staff of the local Certifying body is to verify that drinking water is not distributed using plastic bottles or disposable cups (or other similar containers).

## C2 SUPPLY OF MEALS

### Requirements

To serve the main meal of the day to the crew, choose one of the following options:

**Option 1** (3 points):

Eat meals only at restaurants;

**Option 2** (1 point):

Use also or only a catering or field kitchen service that does not make use of lunch boxes but only of self-service distribution systems.

The requirement does not apply when the shoot envisages non-stop hours during which a quick snack is served (sandwiches or such).

### Observations and suggestions

Very often, meals are provided by giving members of the crew single portions to be eaten on the set. In this case too, there is a lot of packaging that leads to an increase in the production of waste. The main solution for meeting this requirement is to eliminate lunch boxes.

The restaurant option is more sustainable than the catering service because the use of reusable tableware (and therefore also the meeting of criterion C4) is always guaranteed, and the handling of the waste is in the hands of the restaurateur.

### Verification procedure

#### Document verification.

**Option 1:**

Produce the originals or copies of the following:

- a list of the sets used for shooting and of the corresponding restaurants

used for each set;

- the corresponding invoices of the restaurants.

**Option 2:**

Produce the originals or copies of the contract or convention entered into with the catering service or field kitchen, clearly indicating that the meals will never be served inside lunch boxes.

**Verification on set.** The purpose of the verification on set by the staff of the local Certifying body is to verify that the meals are not served using individual lunch boxes.

## C3 REUSABLE TABLEWARE

### Requirements

When a catering service or field kitchen is used for the serving of meals and beverages, only use reusable tableware (plates, cutlery and glasses).

### 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, because the catering or field kitchen often includes in their service the supply of disposable tableware instead of the reusable kind.

### Verification procedure

**Document verification.** When using a catering service or a field kitchen, produce a copy of the contract entered into with the service supplier that must indicate also the type of tableware they will use for distributing the food, with the prohibition of using disposable tableware.

**Verification on set.** The purpose of the verification on set by the staff of the local Certifying body is to verify that disposable tableware is not being used.

## C4 HOT BEVERAGES ON SET

### Requirement

The provisioning of hot beverages on set (coffee, tea, etc.) should occur without the use of plastic cups and stirrers or plastic coffee capsules.

For the provisioning of hot beverages one can use:

**Option 1** (3 points):

Washable cups and stirrers (hard plastic or ceramic cups) and ground coffee;

**Option 2** (1 point):

Disposable cups and stirrers made of cellulose and gauze coffee pods.

### Observations and suggestions

The snack bar service offered on set often requires the use of small plastic cups for tea or coffee; compliance with this rating criterion means to reduce the production of packaging that has a negative impact on the environment.

### Verification procedure

#### Document verification.

**Option 1:**

Produce the originals or copies of the invoices regarding the purchase of washable cups and stirrers (hard plastic or ceramic cups) and ground coffee.

**Option 2:**

Produce the originals or copies of the invoices regarding the purchase of disposable cups and stirrers made of cellulose and gauze coffee pods.

**Verification on set.** The purpose of the verification on set by the staff of the local Certifying body is to verify the unallowed supplies are not being used.

## CRITERION D

# Material 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: MATERIAL SELECTION

		Punti
<b>D1</b>	Certified suppliers and products	3
<b>D2</b>	Recyclable materials or materials deriving from reuse	1
<b>D3</b>	Reuse of scenery materials	2
<b>D4</b>	Paper-based communication	1

### 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 of scenery materials 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 for the disposal of materials, especially paints, varnishes and their containers.

### Verification procedure

#### Option 1:

Produce the originals or copies of:

- a summary table of the supplies used for making scenery;
- the corresponding invoices;
- the corresponding environmental certifications, among those required.

#### Option 2:

Produce the originals or copies of:

- the invoices of the suppliers of certified scenery material;
- the corresponding environmental certifications, among those required.

## D2

### RECYCLED MATERIALS OR MATERIALS DERIVING FROM REUSE

#### Requirements

Work together with firms and associations that offer scenery materials, props or costumes that are recycled or being reused, entering into an agreement for their supply or lease.

#### Observations and suggestions

Recycling and reuse are cornerstones of environmental sustainability. The use of recycled or reused set materials or objects and costumes can guarantee both ecological and economic savings.

Compliance with the criterion does not depend on the quantity or the percentage of the recycled or reused scenery materials, props and costumes over the total amount of materials used by the production.

#### Verification procedure

Produce the originals or copies of:

- the invoices and/or contracts and/or transport documents and/or writ-

ten agreements showing the use of recycled or reused scenery materials, props and costumes;

- in the case of recycled materials, evidence of the presence of the recycled components (technical data sheets or such);
- in the case of reused materials, evidence of previous use.

## D3

### REUSE OF SCENERY MATERIALS

#### Requirements

At the end of a shoot, make the reusable scenery materials, made specifically for the production, available for further use by other parties who should collect them, and an agreement should be drawn up with the parties stipulating the release of these materials to them.

#### Observations and suggestions

At the end of a shoot, it will be necessary to decide what to do with materials that are still in good condition, favouring the 'virtuous cycle' of reuse and preventing them from becoming waste.

To meet this criterion, only scenery materials made specifically by the production for the creation of a set (and therefore no hired costumes or vehicles, for example) should be considered.

Compliance with the criterion does not depend on the quantity or the percentage of the scenery materials, props and costumes to be reused, over the total amount of materials used by the production.

#### Verification procedure

Produce the originals or the copies of invoices and/or contracts and/or transport documents and/or written agreements that attest to the transfer of reusable props and scenery materials to parties that guarantee their reuse (should the pick-up not have occurred yet, produce a statement signed by the party in charge of the pick-up stating its commitment to the pick-up and the list of materials to be picked up).

## D4 PAPER-BASED COMMUNICATION

### **Requirements**

Reduce to a minimum paper-based communication.

For internal communications relative to daily agendas, journeys to be made with motor vehicles and any other useful information to be communicated to the crew members, resort to electronic communication, including also the email addresses of the GREEN FILM adopting entity in the electronic distribution lists of the agendas and of all other notices.

### **Verification procedure**

**Document verification.** Produce the originals or copies of the statement of the GREEN FILM adopting entity regarding the electronic distribution of the internal notices.

**Verification on set.** The purpose of the verification on set by the staff of the local Certifying body is to make sure the non-indispensable paper notices are not being used.

## Purpose

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

### CRITERION E: WASTE MANAGEMENT

		Points
E1	Differentiated waste collection	4

### Criterion description:

#### E1 DIFFERENTIATED WASTE COLLECTION

##### Requirements

Implement differentiated waste collection on every set:

- 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.
- Inform the members of the crew of the regulations in force concerning the disposal of waste.
- Dispose of waste as indicated by law.

##### Verification procedure

##### Document verification

- Supply photographic documentation that attests to the equipping of every set with differentiated waste disposal facilities.
- produce the originals or copies of the contracts entered into with the firms that have collected the waste and their invoices.

CRITERION E

# Waste management

**Verification on set.** The purpose of the verification on set by the staff of the local Certifying body is to:

- verify the presence on every set of the differentiated waste disposal containers;
- verify the correct use of the containers (by random sampling, checking whether disposal is performed in compliance with the differentiated waste disposal methods locally in force).

## CRITERION F

# Communication

## 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: COMMUNICATION

		Points
F1	Communicating Sustainability Press kit document: 1 point Trailer/clip/backstage: 3 points 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:

- The insertion, in the film's press kit, of documents attesting to the green measures taken (1 point).
- The production of a trailer/clip/backstage presenting good sustainability practices adopted (3 points).
- Other verifiable initiatives proposed by the production company (1 point).

#### Verification procedure

Produce the originals or copies of:

- illustrative document to be inserted in the press-kit and/or
- trailer/clip/backstage and proof of its dissemination and/or
- other pertinent documents.

**MANDATORY PREREQUISITES:  
PLANNING SUSTAINABILITY**

		Rating	Check
PR1	Sustainability plan – mandatory prerequisite	✓	
PR2	Transport optimization plan - mandatory prerequisite	✓	

**CRITERION A: ENERGY SAVING**

		Points	
A1	Temporary connections to the power distribution grid	3	
A2	Green power	3	
A3	LED lighting	3	

**CRITERION B: TRASPORT AND ACCOMMODATION**

		Points	
B1	Euro 5 vehicles	1	
B2	Euro 6, hybrid, methane or LPG vehicles	4	
B3	Accommodation: within 10 km of the set	4	
B4	Accommodation: certified accommodation facilities	3	

**CRITERION C: CATERING**

		Points	
C1	Drinking water Local water network: 4 points Freestanding water dispensers: 3 points	max 4	
C2	Supply of meals Restaurants: 3 points Catering without lunch-boxes: 1 point	max 3	
C3	Reusable tableware	3	
C4	Hot beverages on set Washable cups and ground coffee: 3 points Cellulose cups and gauze coffee pods: 1 point	max 3	

**CRITERION D: MATERIAL SELECTION**

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

**CRITERION E: WASTE MANAGEMENT**

		Points	
E1	Differentiated waste collection	4	

**CRITERION F: COMMUNICATION**

		Points	
F1	Communicating Sustainability Press kit document: 1 point Trailer/clip/backstage: 3 points Initiative proposed by production: 1 point	max 5	

Tot. 50



**GREEN FILM** has been developed in collaboration with APPA (Agenzia Provinciale per la Protezione dell'Ambiente) and TIS Engineering



**TIS engineering**