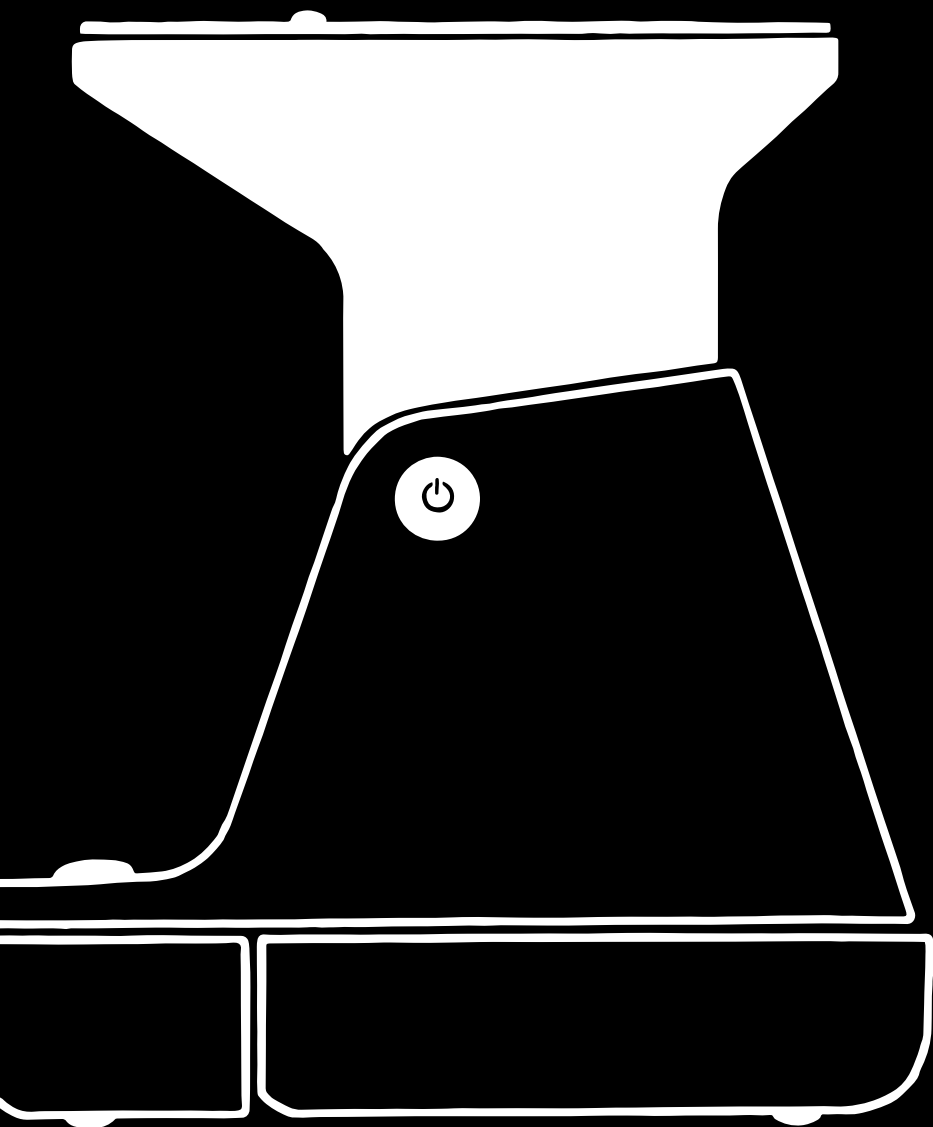


# Polaroid

# Polaroid Lab

## User Manual



# Polaroid Lab

The Polaroid Lab helps you transform your digital photos from your phone into tangible, beautiful Polaroid photographs.

Please be sure to read through this manual before using the Polaroid Lab. Keep for future reference.

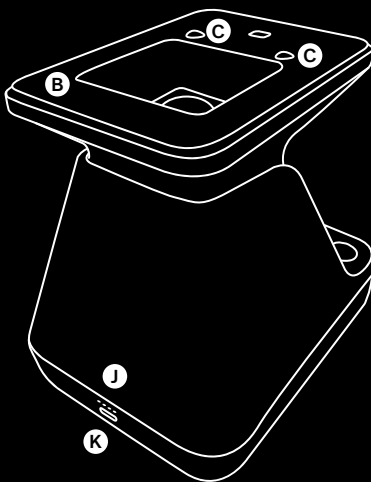
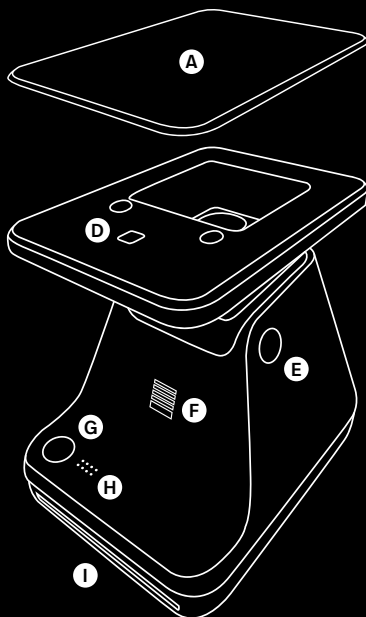
To download the companion app, for updated information, video tutorials and more, please visit:  
**[polaroid.com/polaroidlab](https://polaroid.com/polaroidlab)**

- A** Platform cover  
Couvercle de la plateforme  
Tapadera de la plataforma  
Coperchio della base d'appoggio  
Plattformabdeckung  
プラットフォームカバー  
平台蓋  
平台蓋  
플랫폼 커버  
Крышка платформы
- B** Phone platform  
Plateforme pour smartphone  
Plataforma para el teléfono  
Base d'appoggio per il telefono  
Smartphone-Plattform  
スマートフォンプラットフォーム  
手机平台  
手機平台  
전화 플랫폼  
Платформа для телефона
- C** Touch points (2)  
Points de contact (2)  
Puntos de contacto (2)  
Punti di contatto (2)  
Kontaktpunkte (2)  
タッチポイント (2)  
接触点 (2)  
接觸點 (2)  
터치 포인트(2)  
Точки контакта (2)
- D** Light sensor  
Capteur de lumière  
Sensor lumínico  
Sensore luminoso  
Lichtsensor  
光センサー  
光线传感器  
光線感測器  
광센서  
Оптический датчик
- E** On/Platform release button  
Bouton marche/ libération de la plateforme  
Botón de encendido/extracción de la plataforma  
Pulsante di rilascio della base d'appoggio/On  
Ein/Plattformfreigabe-Taste  
オン/プラットフォーム・リリースボタン  
打开/平台释放按钮  
打開/平台釋放按鈕  
On/플랫폼 릴리즈 버튼  
Кнопка включения /  
поднятия платформы
- F** Rainbow logo LED  
LED du logo arc-en-ciel  
LED del logotipo del arcoíris  
LED del logo arcobaleno  
Regenbogenlogo-LED  
레인보로고LED  
彩虹徽标 LED  
彩虹徽標 LED  
레인보우 로고 LED  
Светодиодный индикатор с  
радужным логотипом
- G** Shutter button  
Déclencheur  
Botón de disparo  
Pulsante dell'otturatore  
Auslöser  
シャッターボタン  
快门按钮  
快門按鈕  
셔터 버튼  
Кнопка затвора
- H** Film counter LEDs  
LED du compteur de photos  
LED del contador de película  
LED del contatore della pellicola  
Restbildanzeige-LEDs  
필름카운터LED  
相紙计数器 LED 灯  
相紙計數器 LED 指示燈  
필름 카운터 LED  
Светодиодные индикаторы  
счетчика кадров

- I** Film door  
Compartment film  
Compartimento de película  
Sportello del vano pellicola  
Filmklappe  
フィルムドア  
相紙倉門  
相紙倉蓋  
필름 도어  
Кассетоприемник

- J** Battery level rear LEDs  
LED du niveau de la batterie (arrière)  
LED traseros del nivel de batería  
LED posteriori del livello della batteria  
Rückseitige Akkustand-LEDs  
背面のバッテリーレベルLED  
電池電量後 LED 灯  
電池電量後 LED 指示燈  
배터리 레벨 후면 LED  
Задние светодиодные индикаторы  
уровня заряда аккумулятора

- K** Micro-USB charging port  
Port de chargement micro USB  
Puerto de carga Micro USB  
Porta di ricarica per micro USB  
Micro-USB-Ladeanschluss  
Micro-USB 充電ポート  
Micro-USB 充電口  
Micro-USB 充電口  
마이크로-USB 충전 포트  
Зарядный разъем Micro-USB



## Box contents

- 01 Polaroid Lab
- 02 USB charging cable
- 03 Quick Start Guide
- 04 User Manual

## How to use the Polaroid Lab

### 1. Download the Polaroid App on your phone

You will need the Polaroid Originals App to use the Polaroid Lab. The App also contains Tips, Tricks & Tutorials, and Inspiration for more ways to create.

→ [polaroid.com/polaroidlab](https://polaroid.com/polaroidlab)

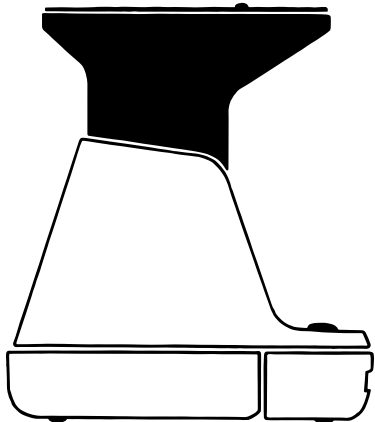
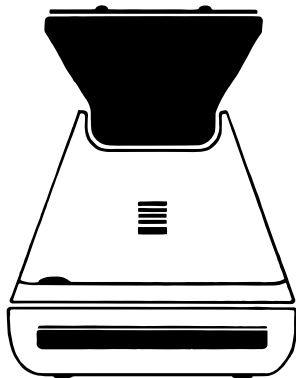


### 2. Charge the Polaroid Lab

**Important** The Polaroid Lab will not be fully charged upon purchase. Make sure that it is fully charged before first use. To charge the Polaroid Lab, plug the USB charging cable into the Micro-USB slot on the Polaroid Lab's back panel and the other end of the cable into a charger, such as a phone adapter or your computer's USB slot. The LEDs next to the slot light up to show the current battery level, four lit LEDs means fully charged. If the Polaroid Lab is connected to a charger and is fully charged then all charging LEDs will be off. A full charge usually takes about 2 hours through a wall socket with a phone adapter, or up to 4 hours through a computer's USB slot. A fully-charged Polaroid Lab will have enough power to shoot 100 packs of film, depending on usage. Remember to turn off the Polaroid Lab after use to conserve battery life.

### 3. Load the film

Pick up the Polaroid Lab and gently pull down the front of the Film door. Take the film cassette out of the packaging and push the film cassette all the way in, with the film's darkslide facing up. When you close the film door, the darkslide will eject from the Polaroid



Lab automatically. If the darkslide has not ejected, remove the film pack and re-insert it, making sure it is pushed all the way to the back of the Polaroid Lab.

**Note** Please check individual film packaging for development time, handling and storage details.

#### 4. Turn the Polaroid Lab on

Push the black button on the right side of the Polaroid Lab to raise the phone platform to the photo taking position and power on. The Rainbow logo LED will light up and the film counter LED will light up to show how many shots are remaining in the Polaroid Originals App. When you're done, turn off the Polaroid Lab by pushing down the platform. Alternatively, it will turn itself off automatically after several minutes of inactivity.

#### 5. Open the app and select your photo

Open the Polaroid App and select the Polaroid Lab section. Tap the image selection button to choose the image you want to expose and tap proceed. The app will guide you through your first exposure.

#### 6. Place your phone on the phone platform

Place your phone on the phone platform with the screen facing toward the lens of the Polaroid Lab. Ensure that it is correctly aligned: the top of your phone must be facing the rear of the camera. Remove any phone covers or screen protectors to ensure best performance. The app will detect the Polaroid Lab and orientate the image to be perfectly aligned with the film. It will also display a calibration image above the light sensor to correctly expose your image without having to adjust your phone's backlight. Make sure that you turn off all settings or apps which influence the color of the display, such as night shift or true tone, as these can severely impinge the final photograph.

#### 7. Push the red Shutter button

The Polaroid Lab will detect your phone on the platform and will measure the brightness of the display to ensure the perfect exposure. Wait until the Rainbow logo LED flashes then

press the red shutter button. The photo will be ejected from the slot at the front of the camera as soon as you let go of the shutter button. Remove the photo from beneath the film shield and let the shield roll back into the Polaroid Lab. Place the photo face down to continue shielding it from light as it develops.

If you want to take another photo of the same image then press the shutter button again.

## Further Guidance

### 1. How much film is left in the pack?

There are 8 orange LED lights on the front of the Polaroid Lab. When the Lab is switched on and not in sleep mode, the LEDs will constantly display the film count. The number of LEDs which light up corresponds to the number of shots left in the film pack. For example: If 6 LEDs light up, that means there are 6 shots left in the film pack. If you have used up all 8 shots in the film pack, or if there is no film pack inserted in the camera, then the LEDs will blink rapidly when you turn the Polaroid Lab on or press the shutter button.

### 2. How much battery is left?

The Polaroid Lab displays the remaining battery level on four LED above the USB slot. When the Polaroid Lab is charging the LED will flash, and when fully charged with a USB cable inserted the LEDs will all be unlit as it will be running on power directly from the charger.

#### **Battery level:**

- Between 1 to 4 LEDs light up  
One LED indicates enough charge for at least 2 packs of film.
- Battery charged and USB cable connected: No LEDs light up.  
The film counter LED will show the remaining number of photos.
- Battery empty  
No charge remaining. No LEDs light up, and the Polaroid Lab will cease to operate until it is recharged.

### 3. Compatible film

The Polaroid Lab works with all Polaroid i-Type

and 600 type film packs.

We recommend using i-Type film as it is optimized for use with the Polaroid Lab. The Polaroid Lab is not intended to be used with SX-70 film, Spectra film or any other type of film.

#### 4. Power supply

Charge the Polaroid Lab before use to ensure it has enough (see **→Charge the Polaroid Lab**). The battery level rear LEDs will flash whilst the Polaroid Lab is plugged in and charging, and will turn off once the Polaroid Lab is fully charged.

#### 5. Cleaning the rollers

Sometimes excess developer paste from photos may build up on the Polaroid Lab's rollers, affecting the Polaroid Lab's performance and causing photos to show unwanted imperfections. The Polaroid Lab has a built-in roller cleaning mode to help with this issue. Just follow these steps:

1. Close the phone platform to turn off the Polaroid Lab
2. Open film door
3. Hold down the right touch point and press and hold shutter button for >2 seconds
4. Rollers will move to the starting position for cleaning
5. Release the both buttons, the Polaroid Lab is now in roller cleaning mode
6. Using a damp cloth or cotton swab, gently clean the rollers
7. Press the shutter button to incrementally advance the roller positions
8. Once both rollers are clean on all sides, close the film door

## Troubleshooting & FAQ

### 1. My Polaroid Lab won't eject my photo/darkslide

Make sure that your Polaroid Lab is charged: The Rainbow logo LED and rear LEDs won't light up unless there is enough charge to operate.

If this is the case, you should connect the Polaroid Lab to a charger before using again. Make sure you still have film in your Polaroid Lab: to check, lower and then raise the phone platform. The remaining film counter LEDs will indicate how many shots you have left in the film pack. If the LEDs flash rapidly when the Polaroid Lab turns on again, this means that there are no shots left in the film pack, or that no film pack is inserted.

1. All unlit  
Polaroid Lab off, or no pack inserted
2. Shutter button depressed, all flashing  
Pack inserted, no film
3. All lit  
Pack inserted, 8 photographs available
4. Alternate LED lit  
Pack insertion error

### 2. The app made an error noise at me

The app will detect if your phone has been placed on the Polaroid Lab correctly. The touch points on the phone platform allow the app to rotate and place the image directly above the lens of the Polaroid Lab. If the app can't do this then it will let you know so you can place your phone in a better position. When you pick up your phone the app will guide you through the correct positioning with a short video.

### 3. The shutter button won't work

If the Rainbow logo LED is lit up then the Polaroid Lab is powered on, and if there is film in the Polaroid Lab then the appropriate number of film count LED will be lit. If you press the shutter button and nothing comes out, look at the film count LED. If your phone isn't oriented correctly then the Polaroid Lab won't be able to read the brightness of the image.

The Rainbow logo LED will blink 3 times if the phone is recognized. If it keeps rapidly blinking, the Polaroid Lab can't recognize the sensor area/brightness correctly. If it doesn't blink at all, it means that it doesn't recognize the phone on top. This can be because of a phone case or screen protector, which can impair the recognition of the phone. To rectify this, remove any phone case or screen protector. Gently push the phone on the Lab.



#### 4. My photo turned out slightly too dark

We didn't take the original photo on your phone camera, but our regular photo taking advice still applies. We'd recommend that you disable True Tone, Night Shift or Night Mode. The app will automatically adjust your phone brightness. You can also adjust exposure under the "More" menu in the app. EV can be adjust from -3 to +3 f-stops.

## Tips for Making Great Photos

- Make sure your phone screen is clean.  
If you have a phone screen protector make sure that the screen doesn't have scratches, stains or fingerprints. Ideally, remove any phone screen protector or phone covers to ensure optimum results.
- Make sure that your phone is completely flat on the Polaroid Lab phone platform.
- Make sure that your film is fresh!  
Stock up on new film at [polaroid.com](http://polaroid.com) and follow the tip sheet that comes with the film packaging to ensure that your film is as good as it can be.
- Make sure all settings and apps which influence colors are turned off (eg. night shift, true tone).

## Customer Support

The Polaroid Customer Support Team is always more than happy to hear from you. Get in touch using the contact details provided. For more detailed and up-to-date information, visit [polaroid.com/help](https://polaroid.com/help)

### USA/Canada

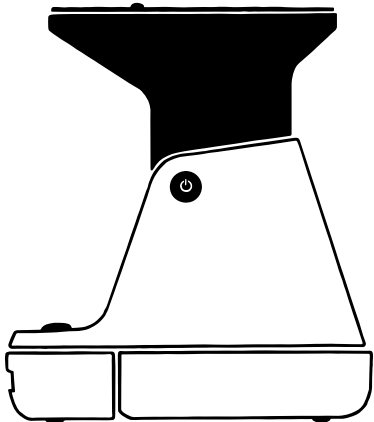
[usa@polaroid.com](mailto:usa@polaroid.com)  
+1 212 219 3254

### Europe/Rest of World

[service@polaroid.com](mailto:service@polaroid.com)  
00 800 577 01500

### Impossible B.V.

P.O. Box 242 – 7500 AE Enschede  
The Netherlands



## Technical Specifications

### General

#### Dimensions

150mm (L) × 115.6mm (W) × 149.7mm  
(H closed) × 177.16mm (H open)

#### Weight

600 grams (without film pack)

#### Operating Temperature

40–108°F / 4–42°C, 5–90% relative humidity

#### Compatible Film

Polaroid i-Type and 600 type film in both Color and Black & White, including Special Editions.

#### Battery

High performance lithium-ion battery,  
1100mAh, 3.7V nominal voltage, 4.07Wh

### Materials

#### Outer shells

Polycarbonate, TPU, EPDM (Ethylene  
Propylene Diene Monomer)

#### Lens

Optical grade polycarbonate lens, AR coated

#### Shutter system

Fixed aperture, variable speed shutter

### Optical System

#### Lens

Fixed focus lens

#### Focal length

150mm

#### Lens type

1:2.35 3 element lens system

### App System Requirements

#### Supported phones

- iPhone 6 and newer  
(except iPhone SE)
- Most current Android devices

Supported phones and operating systems are subject to change. For a full list please visit [polaroid.com/labworkswith](https://polaroid.com/labworkswith)

## Safety Information

### Caution

#### Risk of electric shock – Do not open/ Disassemble the motorized roller system

- Do not disassemble the device. Incorrect reassembly can cause electrical shock if the device is used again.
- Do not immerse the device in water or other fluids.
- Do not operate the device in a high humidity environment or very dusty environments.
- Do not attempt to tamper with, adjust or remove the battery and/or the electronics located below the rollers behind the device's film door.
- Do not attempt to remove the door itself as it is connected electronically to the body of the device. Doing so is unsafe, will likely damage your device, and will void your warranty.
- Do not insert metal objects into the device.
- Do not insert any objects into the rollers or gears.
- Keep small children and infants away from device to avoid them being injured by the device's moving parts.
- Do not use or store the device near any heat source or any type of equipment that generates heat, including stereo amplifiers.
- Do not use the device near flammable or explosive gases.
- Do not charge the device if you notice any unusual odors, noise or smoke.
- Do not attempt to disassemble the film's battery or modify it in any way (if using 600-type film). If battery fluid gets in your eyes, immediately rinse your eyes with fresh, cold running water and seek medical attention immediately.

### Battery and Charger

- This device uses a custom lithium-ion battery that is non-removable and mounted inside the Lab body. No other type of battery can be used. Battery replacement can only be done by authorized service centers. The battery will provide many years of service if properly used. Power consumption varies depending on the environment the device is used in and how the device has been stored. Used immediately after full charge, the battery will power the processing of up to 100 film packs.
- Once the battery energy level falls below a certain level, the device will no longer process film. The LED will blink and signal when it needs to be recharged. This is to avoid a photo getting stuck as it is being processed through the roller system.
- The rechargeable battery is not fully charged at the time of purchase. Charge the battery fully with the USB charging cable (provided). This usually takes 1-2 hours (can vary depending on usage).
- The supplied battery charging cable has been tested to work with the Apple iPhone power adaptors. While it can be used in other USB ports e.g. computer, USB power adaptors, TVs, cars etc., correct operation cannot be guaranteed.
- When the device is no longer in use, please recycle it properly.

### Usage Environment

- To protect the high-precision technology contained in this device, never leave the

- Lab in the following environments for extended periods of time: high temperature (+42°C/108°F), high humidity, places with extreme changes in temperature (hot and cold), direct sunlight, sandy or dusty environments such as beaches, damp places, or places with strong vibrations.
- Do not drop the device or subject it to severe shocks or vibrations.
  - Do not push, pull or press on the lens surface

## Compliance

### Important directions for using

#### Lithium-Ion Batteries

- Do not throw into fire.
- Do not short circuit.
- Do not disassemble.
- Do not continue to use when damaged.
- Dispose correctly after use.
- Keep away from water.

### EU Declaration of Conformity

Hereby, Impossible B.V. declares that the Polaroid Lab is in compliance with the essential requirements of the Electromagnetic Compatibility Directive (2014/30/EU), Low Voltage Directive (2014/35/EU) and RoHS Directive (2011/65/EU) and other relevant provisions, when used for its intended purpose.

### FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**Caution** The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment must not be co-located or operated in conjunction with any other antenna or transmitter.

**Note** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled

environment. End user must follow the specific operating instructions for satisfying RF exposure compliance.

### Industry Canada (IC)

This device complies with part 15 of the FCC Rule and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Le présent appareil est conforme aux CNR d'industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur d'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



The symbol means that according to local laws and regulations your product should be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. Some collection points accept products for free. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.