



SAWBO

Scientific Animations Without Borders

Online ICT Training Program

Trainee: Severina Adames

AGENDA

- ▶ **What's in It for You?**
- ▶ **Training Purpose**
- ▶ **Training Benefits**
- ▶ **Introduction**
 - ▶ SAWBO's team
- ▶ **SAWBO's Introduction**
 - ▶ What we do
 - ▶ How we do it
 - ▶ Our core areas of focus
 - ▶ SAWBO Deployment
- ▶ **Live training on the Website**
- ▶ **Live training on the App**



WHAT'S IN IT FOR YOU?

- ▶ Over the past 8 years, SAWBO has
 - ▶ made and distributed 75+ animations (100+) different languages
 - ▶ developed a Library worth millions of dollars in expert, animator, and grant-funded researcher time and knowledge
 - ▶ conducted and published peer-reviewed research showing these animations can have major impacts in communities you work in
 - ▶ made all of these materials FREE for you to use for educational purposes

This reduces or eliminates the need for your organization to spend large amount of money and time creating educational content for your programs. Simply use SAWBO's materials in your programs.

In this Training you will learn how to easily access millions of dollars worth of educational content – for FREE – that you can use in your programs



TRAINING PURPOSE

- ▶ **With this training ([here](#)), you will be able to**
 - ▶ Better use our website
 - ▶ Search any video by topic, language, and country
 - ▶ Download any available video to a computer, laptop, TV, cell phone, tablet, or other information and communication technology (ICT) device

- ▶ **With this training ([here](#)), you will be able to**
 - ▶ Download our SAWBO Deployer App
 - ▶ Browse any video by topic, language, and country
 - ▶ Share any video to another phone via Bluetooth

TRAINING BENEFITS

▶ This training will:

- ▶ Help you to download SAWBO animations from our online video library – accessing the topic, language, and file type you need
- ▶ Provide you with the knowledge to use our SAWBO App, which you can use in the field
- ▶ Help you to spread knowledge to target communities or any other community you are visiting
- ▶ Help you in your study abroad program, ICT outreach, or mission trips

INTRODUCTION TO SAWBO

▶ What We Do

- ▶ We are a Michigan State University-based program that creates scientifically accurate educational animations then translates them into multiple languages from around the world

▶ Our Mission

- ▶ To provide access to information and knowledge for low-literate learners in their own language(s)

▶ Why Animations?

- ▶ Animations are highly cost effective and allow us to work virtually and globally (across a wide diversity of languages, cultures, genders, and ages)
- ▶ Animations are understandable by people of all literacy levels

**ALL SAWBO ANIMATIONS CAN
BE USED TO EFFECTIVELY
EDUCATE LOW LITERATE
LEARNERS IN THEIR OWN
LANGUAGES!**

**We support the Sustainable
Development Goals (SDGS)**

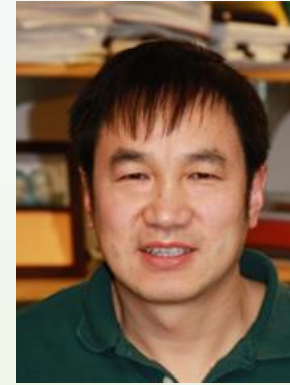
THE SAWBO TEAM



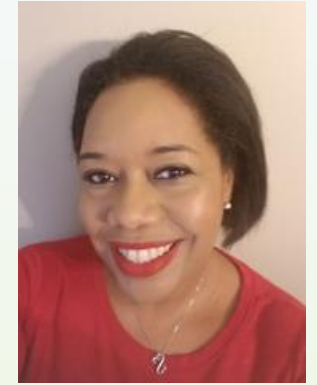
CO-DIRECTORS



PRODUCTION
MANAGER



SCRIPT
DEVELOPMENT
RESEARCH



PROJECT
MANAGER



ANIMATORS (WORLDWIDE)



TRANSLATION & VOICE
OVERLAY (WORLDWIDE)



DEPLOYMENT (WORLDWIDE)

HOW DO WE CREATE CONTENT THAT YOU CAN TRUST IS ACCURATE?



EXPERTS

We work with global experts to ensure the accuracy of our content, including:

- Virtual collaborations
- Volunteers
- Language experts
- Content experts

CONTENT

We are constantly growing with new content

- Library of Animations
- Over 75 topics
- Over 100 languages

SCALABLE DEPLOYMENT STRATEGIES

- SAWBO App (Android version)
- Extension System in Your Wallet
- TV Stations
- NGO's

END USERS

- Dozens of Countries
- Dozens of partner groups
- Research studies
- Lessons learned in the field that provide critical input for new animations and new ideas to increase impact

HOW WE GET ANIMATIONS INTO LANGUAGES USEFUL FOR YOUR PROGRAMS?

- Volunteers translate and make voice recordings of the finalized English script

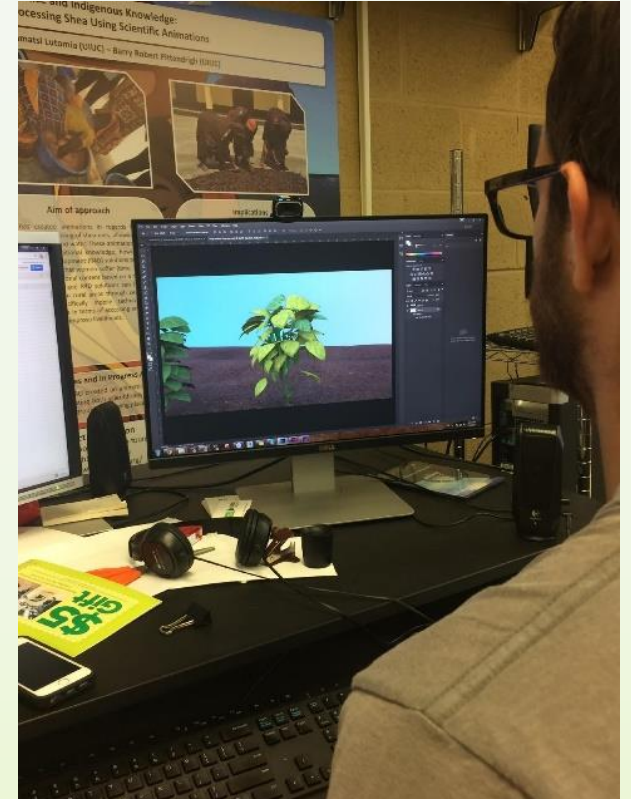
Translation

Begin & End	Text	Duration (seconds)
0:00-0:14	No text	14
0:15-0:25	Fragment 1. Cholera is an intestinal infection caused by bacteria found in dirty water, in contaminated food or in vegetables that have been irrigated with contaminated water. (Your translation here)	10
0:26-0:32	Fragment 2. If you do not have access to potable water, it is necessary to treat the water to avoid infection. (Your translation here)	6

Voice Recording



Integration into the Animation



LANGUAGE BY TOPICS = LOTS OF CHOICES

- ▶ Over 750 animations available
- ▶ Each topic is available in a range of languages (based on needs and who has volunteered to translate)
- ▶ We continually add new animations and translations to the Library
- ▶ All animations are downloadable through the website and SAWBO Deployer App

EXAMPLE LANGUAGES (100+)

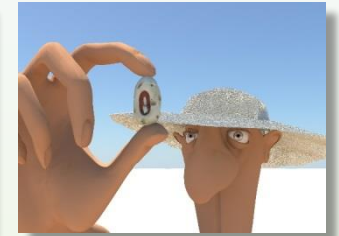
Afan Oromo	Farsi	Moore
Amharic	Fon	Pidgin
Asante Twi	French	Portuguese
Bahasa	Fulfulde	San
Bariba	Goun	Spanish
Bengali	Hausa	Swahili
Creole	Hindi	Tamil
Chinese	Kannada	Themne
Dangme	Kanuri	Tigrigna
Dendi	Krio	Wolof
Dioula	Lingala	Yoruba
English	Luganda	Zarma
Ewe	Lusoga	Zulu
Fante	Mongolian	



CORE TOPIC AREAS



AGRICULTURE



WOMEN'S EMPOWERMENT



HEALTH



Part 1: How to navigate and download from our website:

<https://sawbo-animations.org/>

Part 2: The SAWBO Deployer App for Android Devices

SAWBO DEPLOYER APP - WHAT CAN IT DO FOR YOU?

- ▶ With the phone App, you can access and download SAWBO animations to the App when online
- ▶ Use and share the animations in the field when offline (by showing them or transferring them using Bluetooth)
- ▶ **FREE**
- ▶ [Deployer App Animation](#)

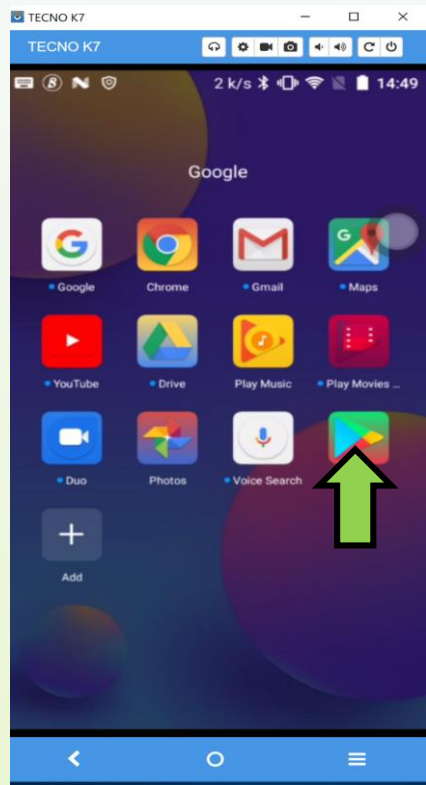


SAWBO DEPLOYER APP – “NUTS AND BOLTS” OF USE

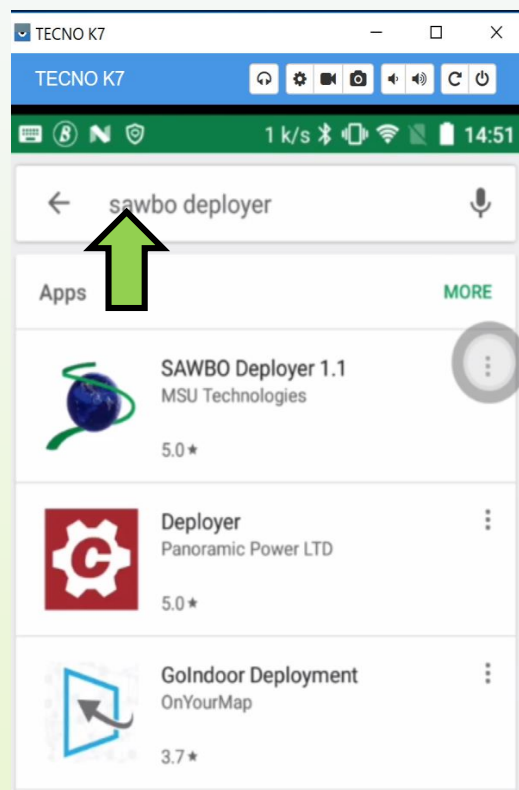


- ▶ Our SAWBO Deployer App training video is available for you to watch on our YouTube channel ([here](#))

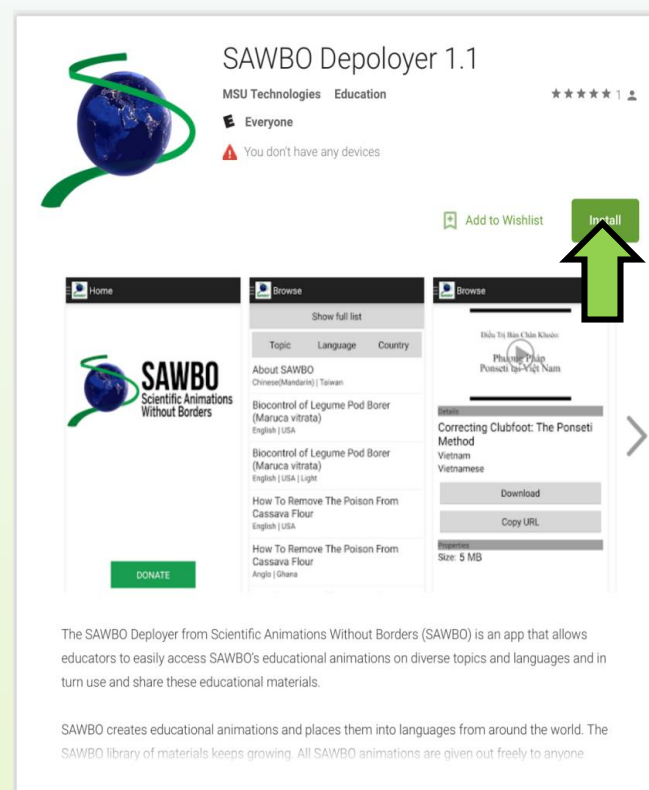
SAWBO DEPLOYER APP – INSTALLING IT FROM GOOGLE PLAY



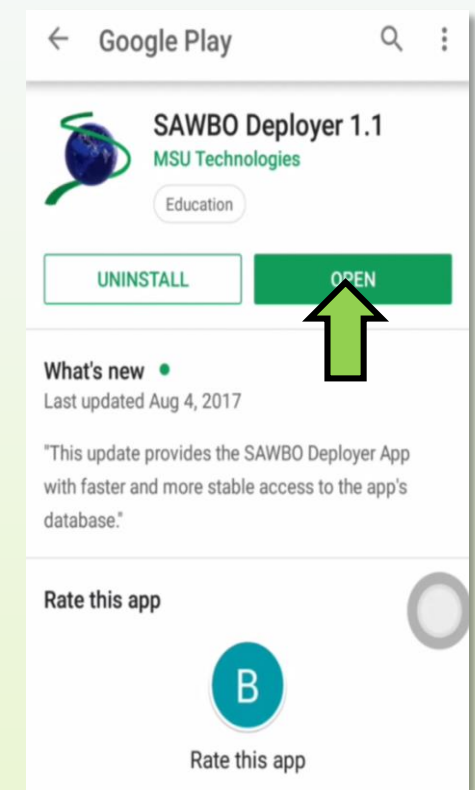
PRESS



TYPE



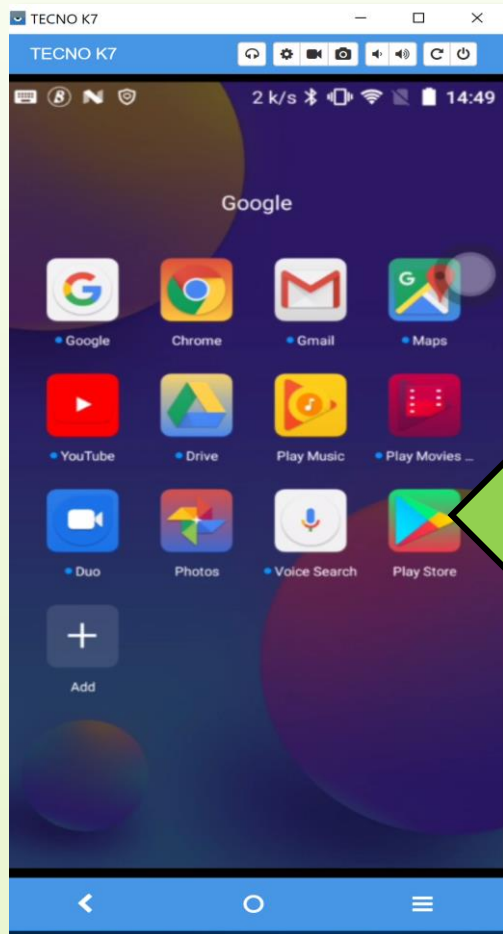
INSTALL



OPEN

SAWBO DEPLOYER APP – INSTALLING IT FROM GOOGLE PLAY

Step by Step



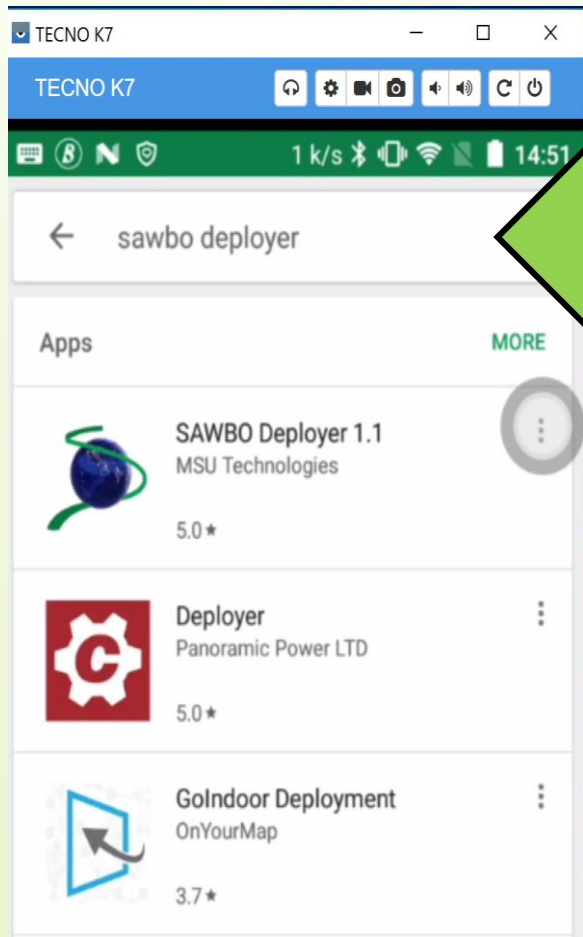
**Go to Google Play on
your phone and open
the App**

SAWBO DEPLOYER APP – INSTALLING IT FROM GOOGLE PLAY

Step by Step

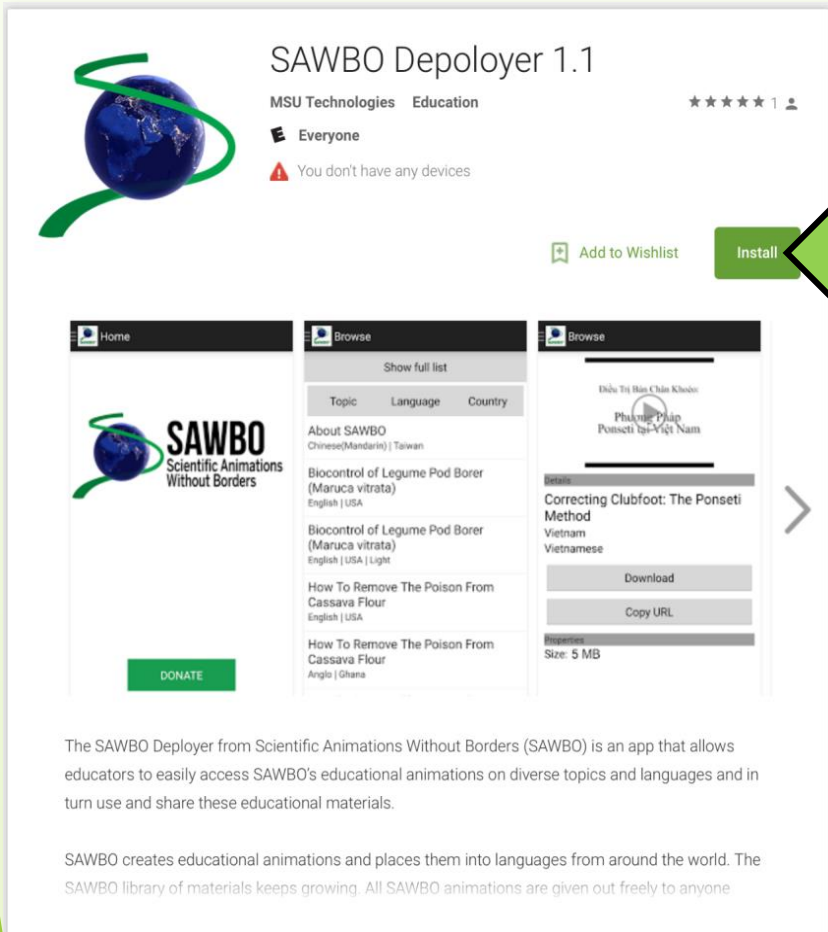
Type in “sawbo deployer”

Please note – If your phone does not show this, contact us and we can send you the **APK file link** where you can download.



SAWBO DEPLOYER APP – INSTALLING IT FROM GOOGLE PLAY

Step by Step



SAWBO Depoloyer 1.1

MSU Technologies Education ★★★★★ 1

Everyone

You don't have any devices

Add to Wishlist Install

Home Browse Browse

Show full list

Topic	Language	Country
About SAWBO	Chinese(Mandarin)	Taiwan
Biocontrol of Legume Pod Borer (Maruca vitrata)	English	USA
Biocontrol of Legume Pod Borer (Maruca vitrata)	English	USA Light
How To Remove The Poison From Cassava Flour	English	USA
How To Remove The Poison From Cassava Flour	Anglo	Ghana

Details

Điều Trị Bào Chấn Khỏe Phấn Đậu Ponseti tại Việt Nam

Correcting Clubfoot: The Ponseti Method

Vietnam Vietnamese

Download

Copy URL

Properties

Size: 5 MB

DONATE

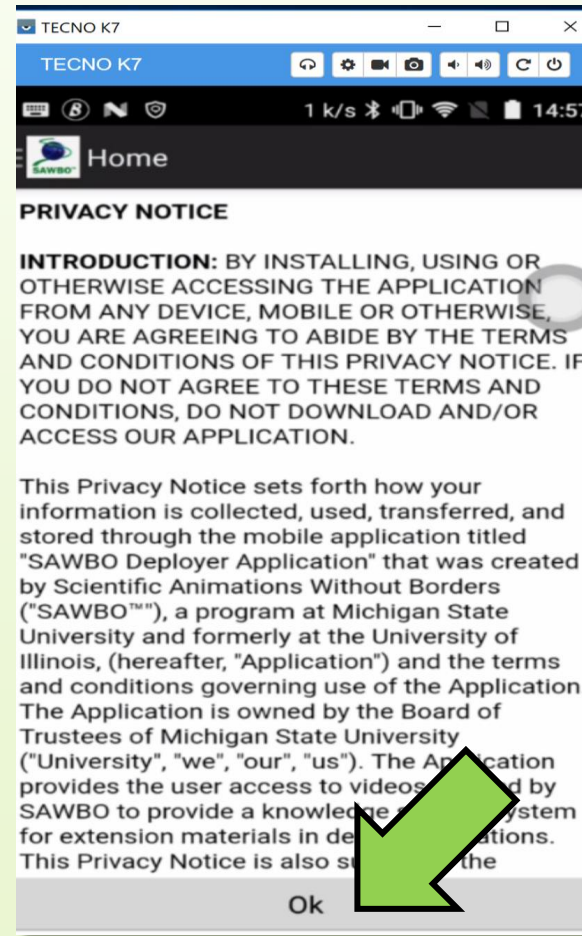
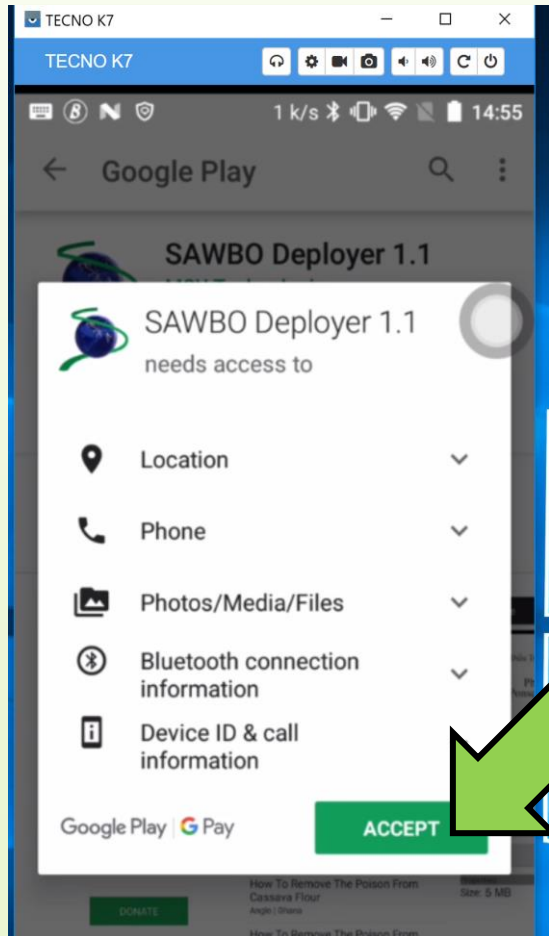
The SAWBO Deployer from Scientific Animations Without Borders (SAWBO) is an app that allows educators to easily access SAWBO's educational animations on diverse topics and languages and in turn use and share these educational materials.

SAWBO creates educational animations and places them into languages from around the world. The SAWBO library of materials keeps growing. All SAWBO animations are given out freely to anyone

Press Install to
download

SAWBO DEPLOYER APP – INSTALLING IT FROM GOOGLE PLAY

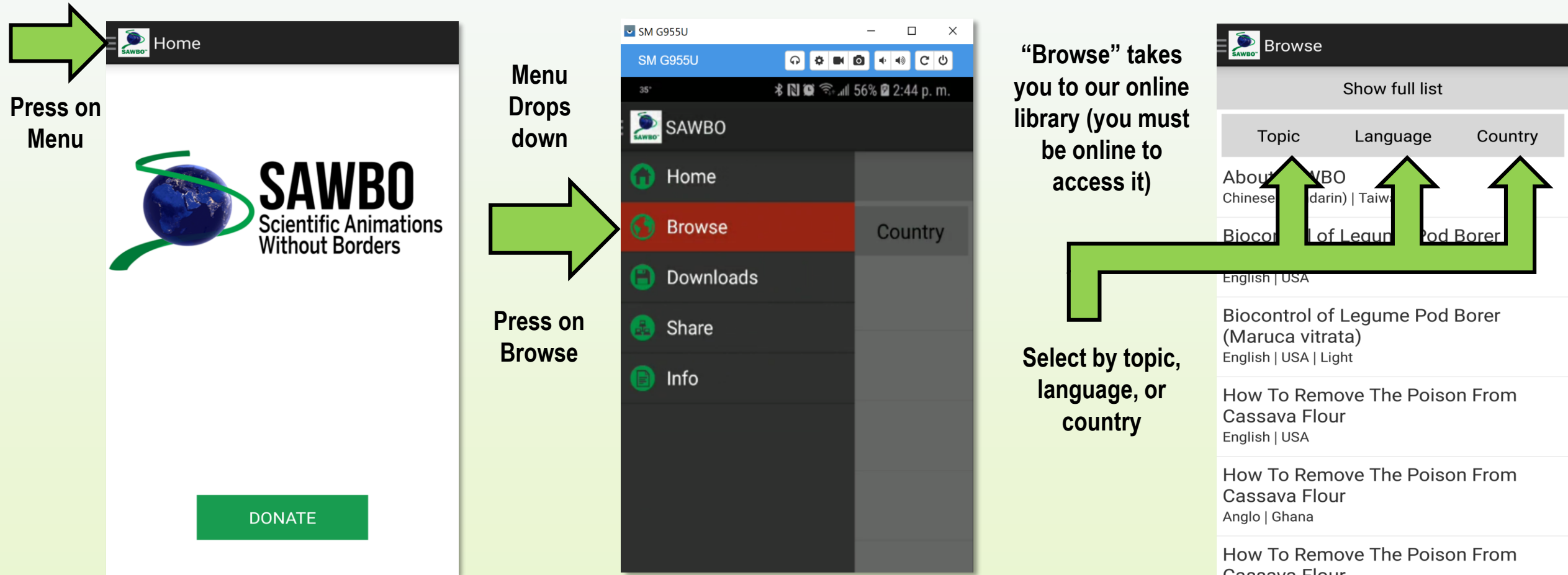
Step by Step



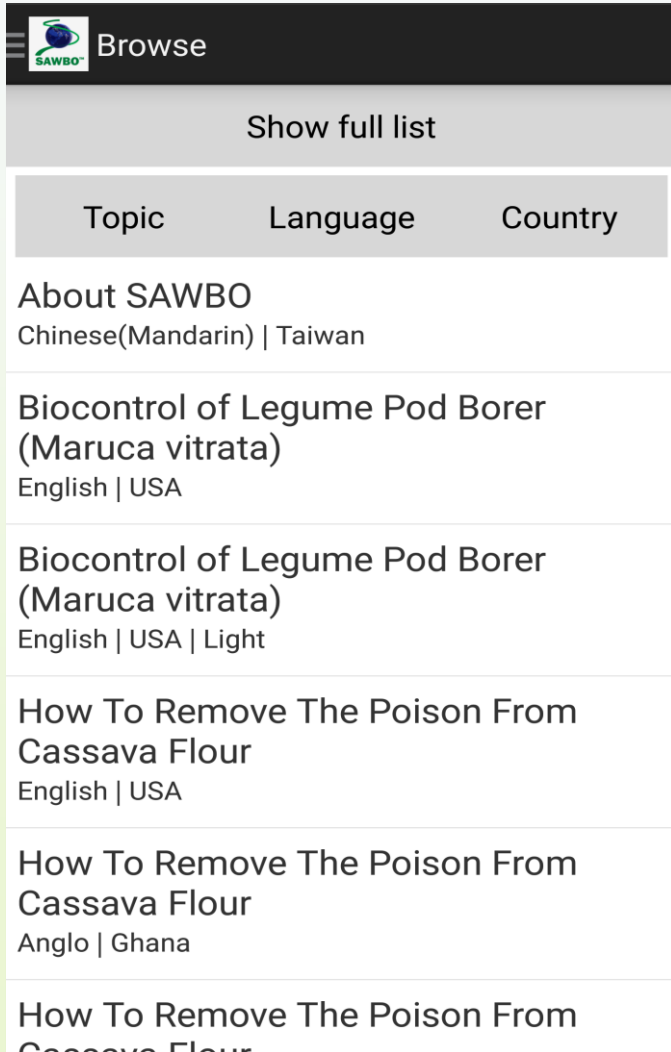
Press "ACCEPT"
and "OK"

USING THE SAWBO DEPLOYER APP

To browse our Library, you need Internet access



BROWSE THE SAWBO LIBRARY WHEN ONLINE

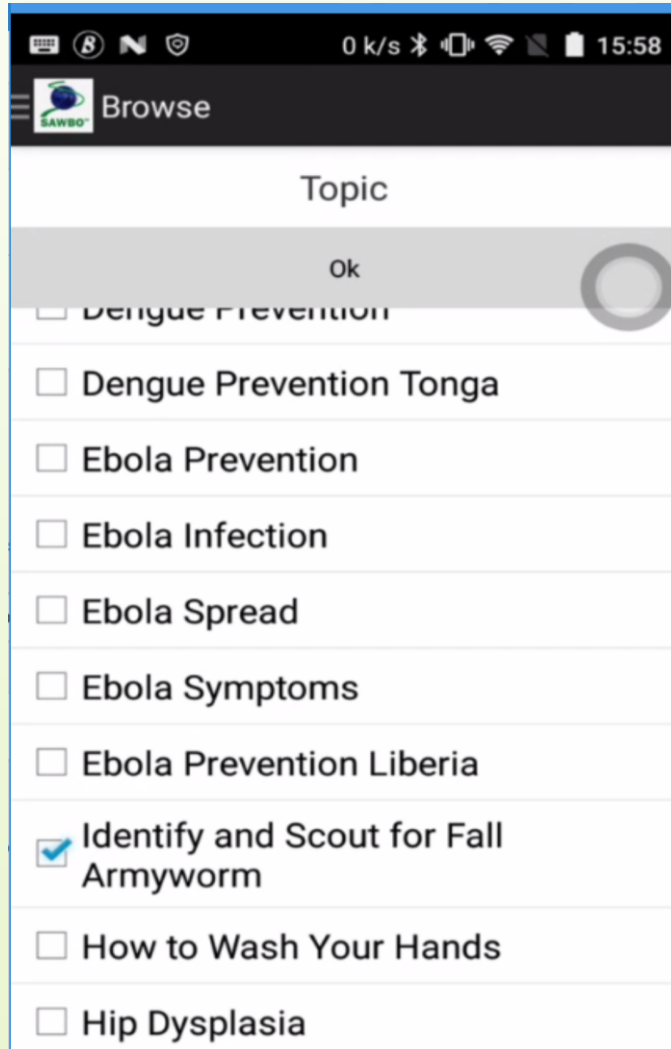


The screenshot shows the 'Browse' screen of the SAWBO app. At the top left is the SAWBO logo and the word 'Browse'. Below it is a button labeled 'Show full list'. A table with three columns: 'Topic', 'Language', and 'Country' is displayed. The table contains several rows of animation titles and their associated languages and countries.

Topic	Language	Country
About SAWBO	Chinese(Mandarin)	Taiwan
Biocontrol of Legume Pod Borer (Maruca vitrata)	English	USA
Biocontrol of Legume Pod Borer (Maruca vitrata)	English	USA Light
How To Remove The Poison From Cassava Flour	English	USA
How To Remove The Poison From Cassava Flour	Anglo	Ghana
How To Remove The Poison From Cassava Flour		

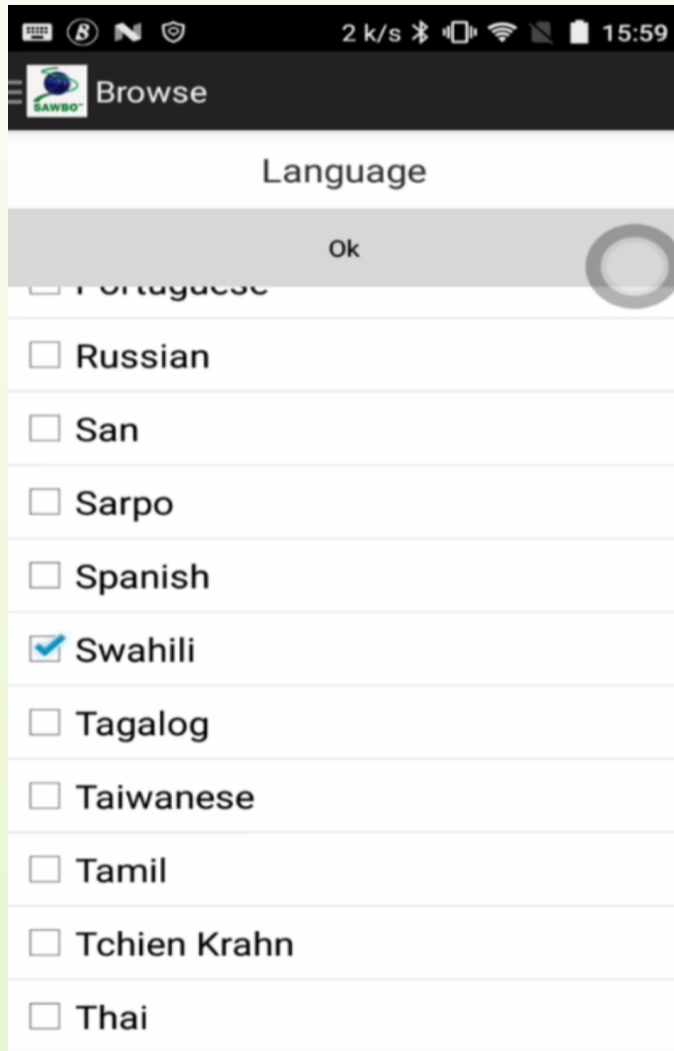
- ▶ You can access the full SAWBO library when you are online with the App
- ▶ It will give you access to all our animations
- ▶ At the current moment our library has over 750 animations on different topics in a diversity of languages
- ▶ You can sort for what you need by topic, language, country or a combination of these parameters

BROWSING BY TOPIC



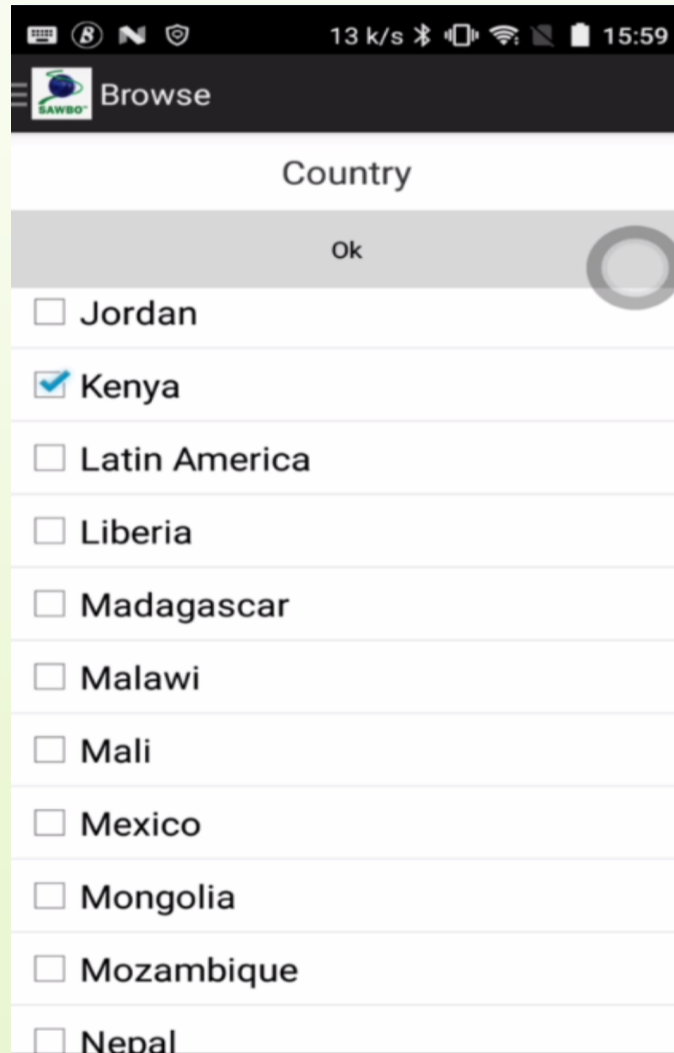
- ▶ Press on topic
- ▶ A drop down menu will occur
- ▶ You can pick one or several topics as you see fit
- ▶ This will help to narrow the list of animations
- ▶ Press “ok” to finalize your list

BROWSING BY LANGUAGE



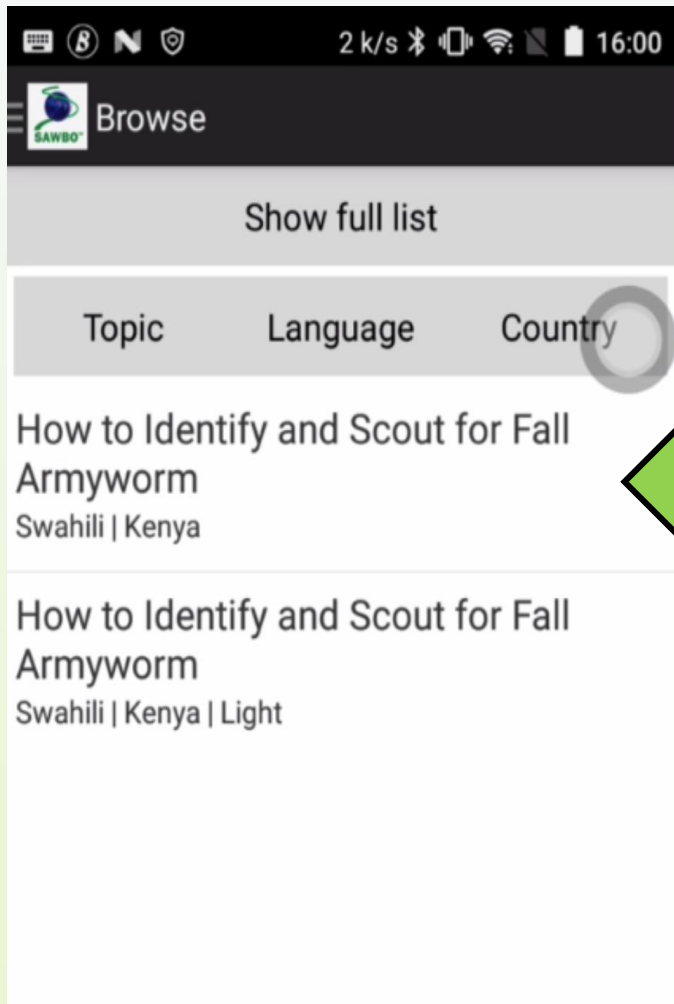
- ▶ Press on language
- ▶ A drop down menu will occur
- ▶ You can pick one or several languages as you see fit
- ▶ This will help to narrow the list of animations
- ▶ Press “ok” to finalize your list

BROWSING BY COUNTRY (ACCENT)

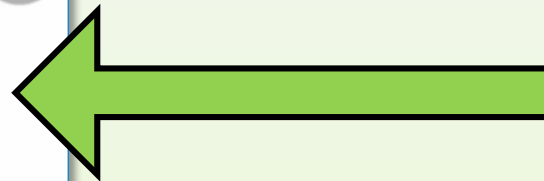


- ▶ Press on Country (accent)
- ▶ A drop down menu will occur
- ▶ You can pick one or several country accents as you see fit
- ▶ This will help to narrow the list of animations
- ▶ Press “ok” to finalize your list

YOU NOW HAVE A FINALIZED LIST

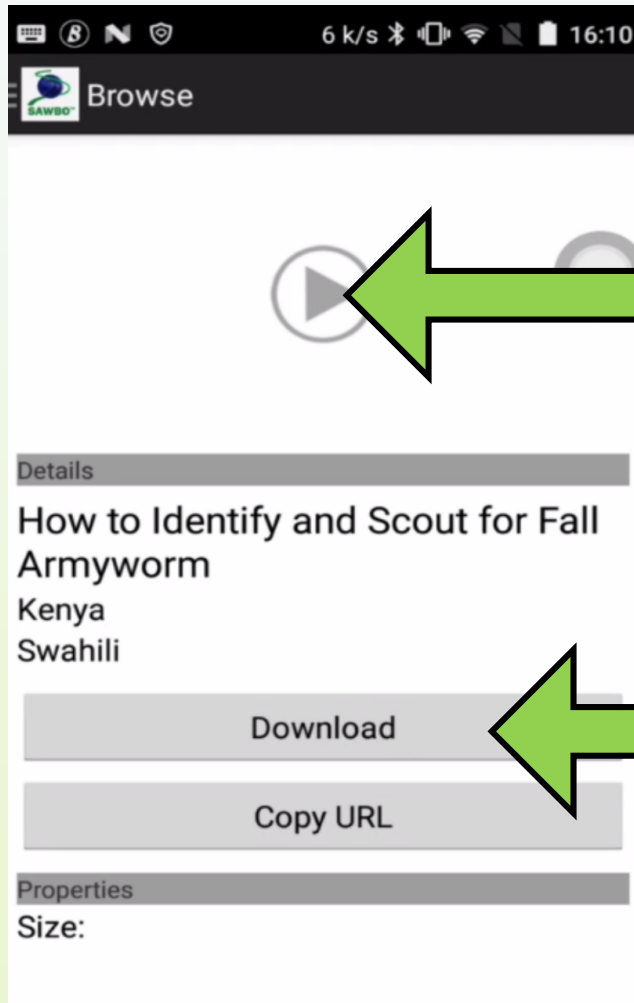


- ▶ The list has been narrowed down to the topic, language, and country
- ▶ You are ready to view the animation you want



Press on your selection

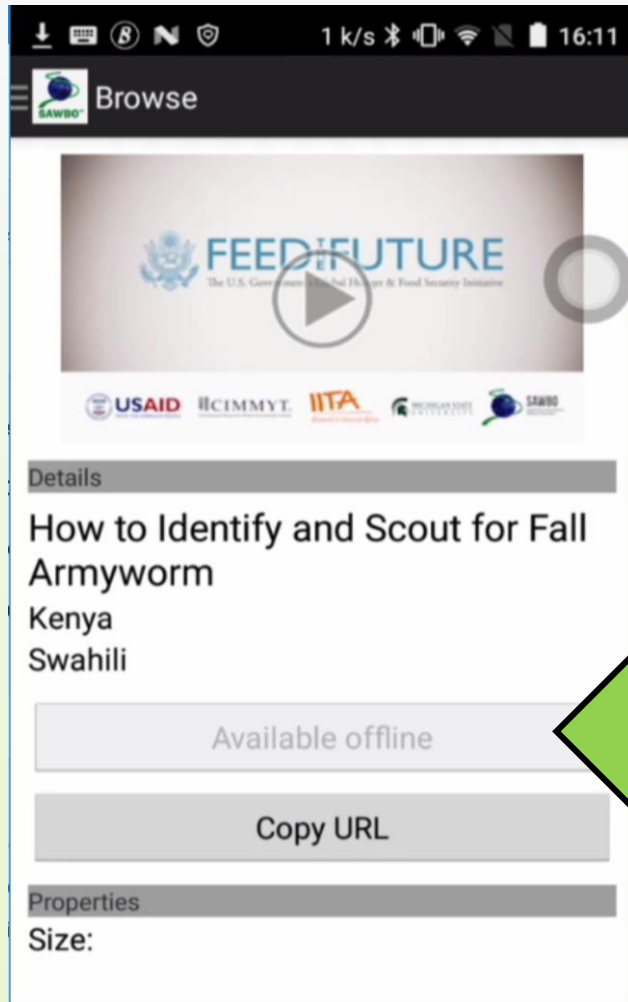
VIEW ONLINE AND DOWNLOAD TO THE APP



Watch online by pressing play

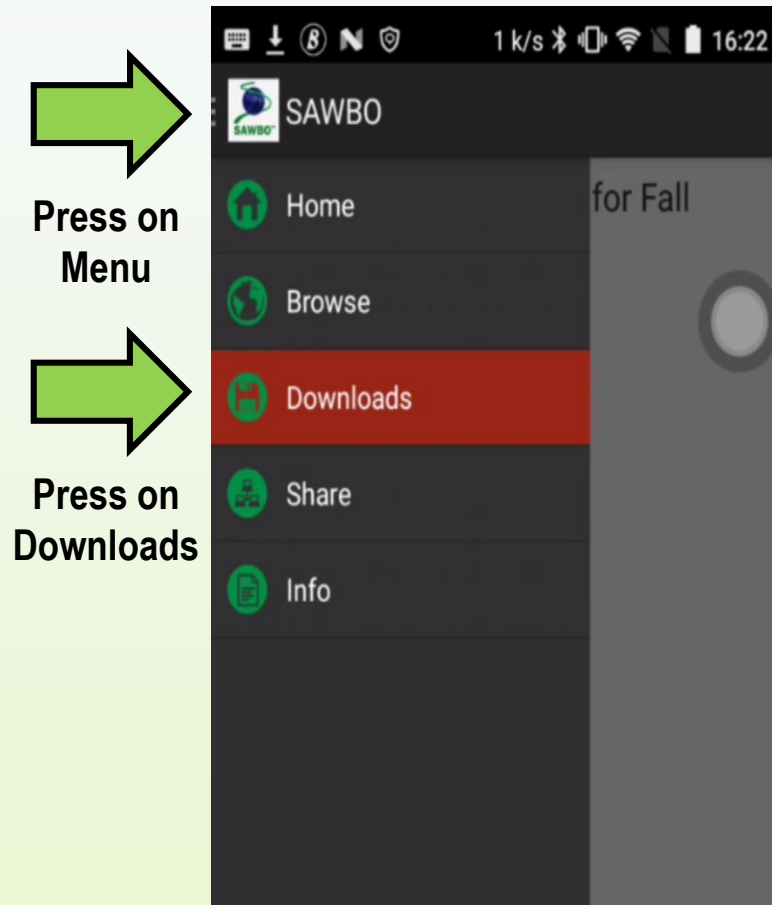
Press here to download onto your phone – for viewing or transferring offline later on

WHEN THE VIDEO IS DOWNLOADED



When the video is on your phone it will change from “Download” to “Available offline”

THE VIDEO IS NOW ON YOUR APP IN THE DOWNLOADS SECTION



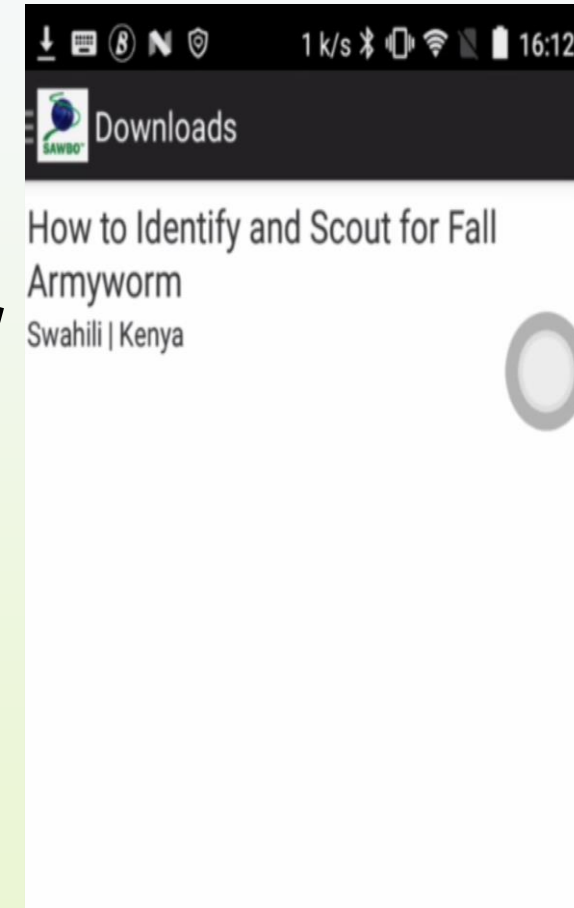
Press on Menu

Press on Downloads

The animation is now on your phone in the downloads section

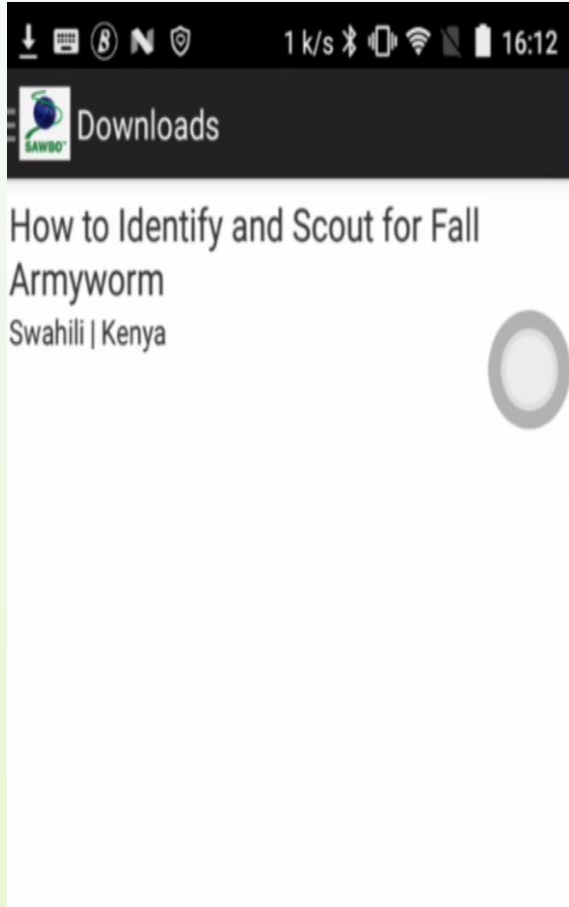
Press once to view the animation

Press and hold to share the animation



It can be viewed (press quickly) or shared when offline (press down for several seconds)

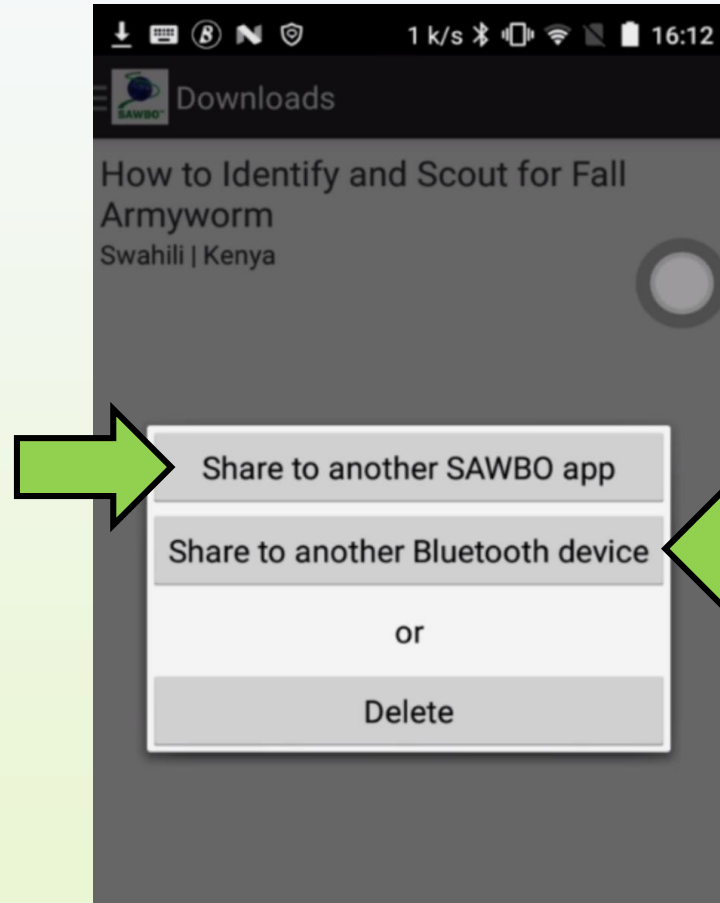
THE VIDEO IS NOW ON YOUR APP IN THE DOWNLOADS SECTION



Press and hold to share the animation

Hold down to bring up the sharing option

Press here to share the animation through another SAWBO App

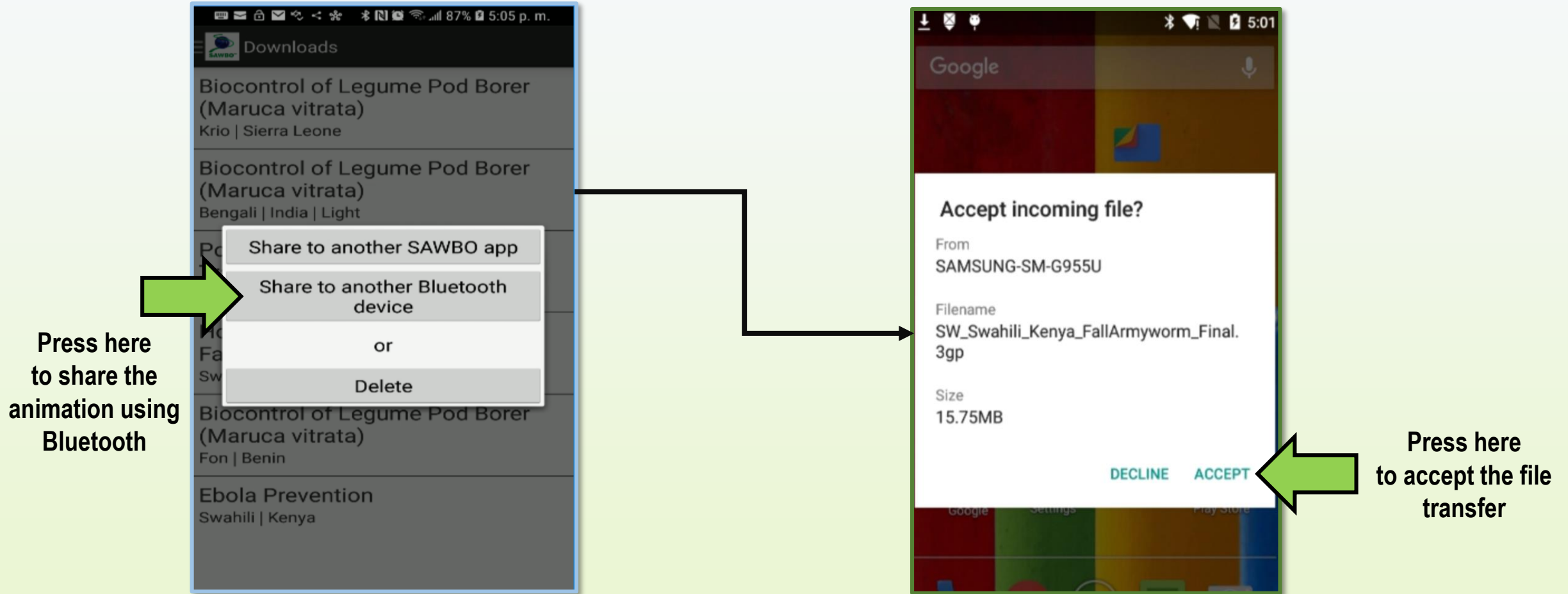


Press here to share the animation using Bluetooth

This pops up and press to share the video

SAWBO DEPLOYER APP

You can share the video onto other Android via Bluetooth device

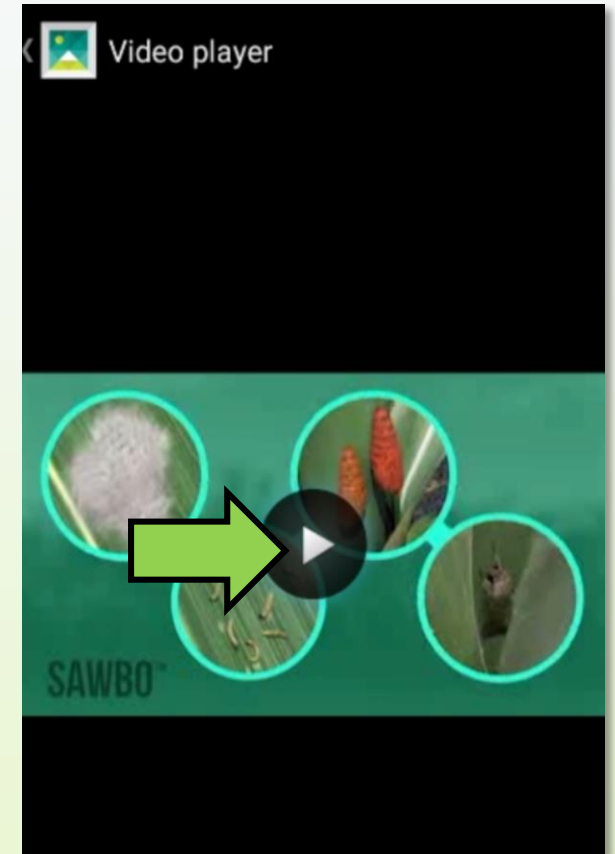
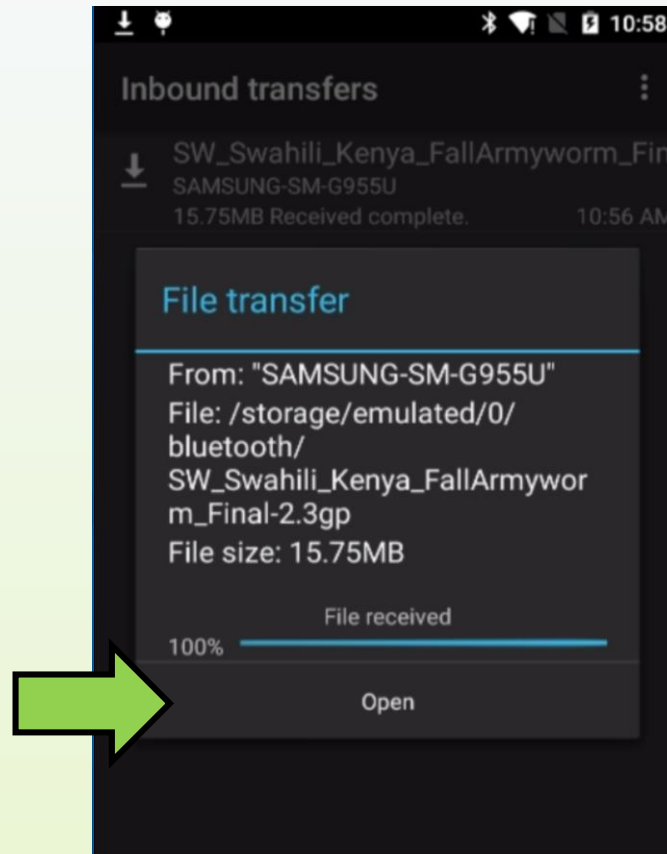
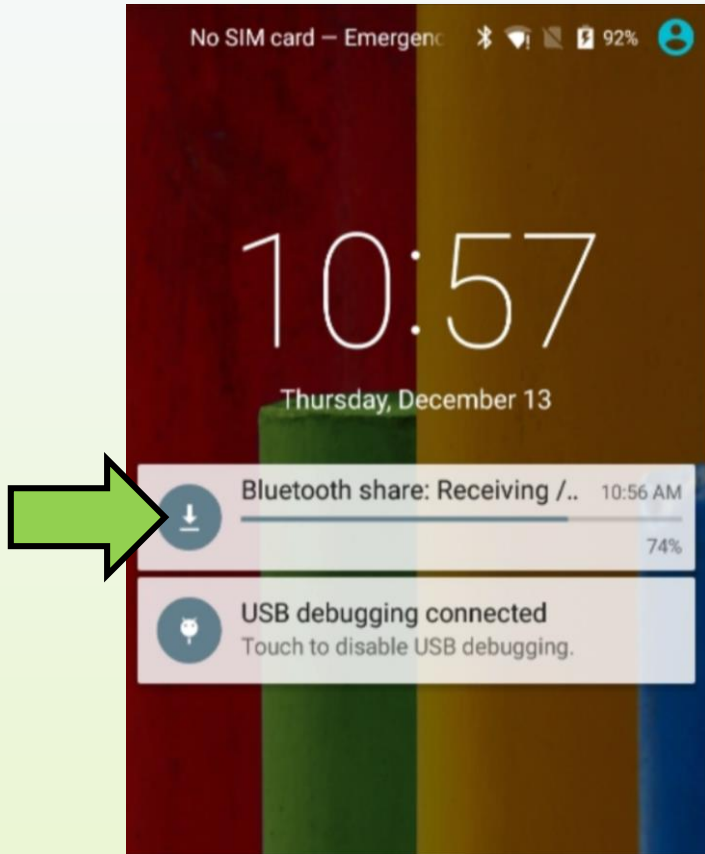


This phone will be sending the file

This phone is receiving the file

SAWBO DEPLOYER APP

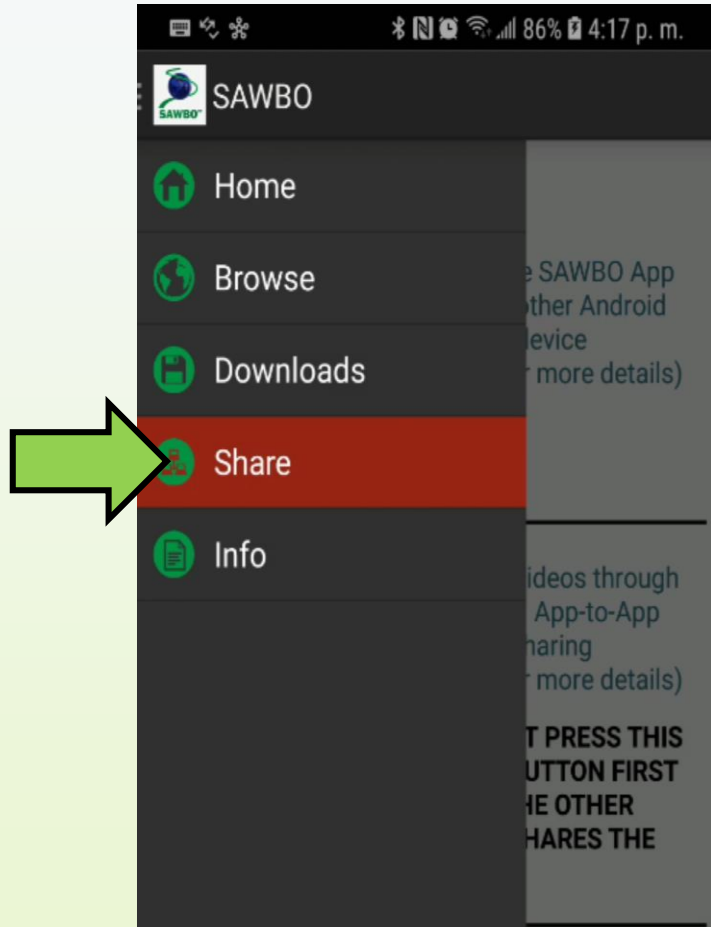
You can share the video onto other Android via Bluetooth device



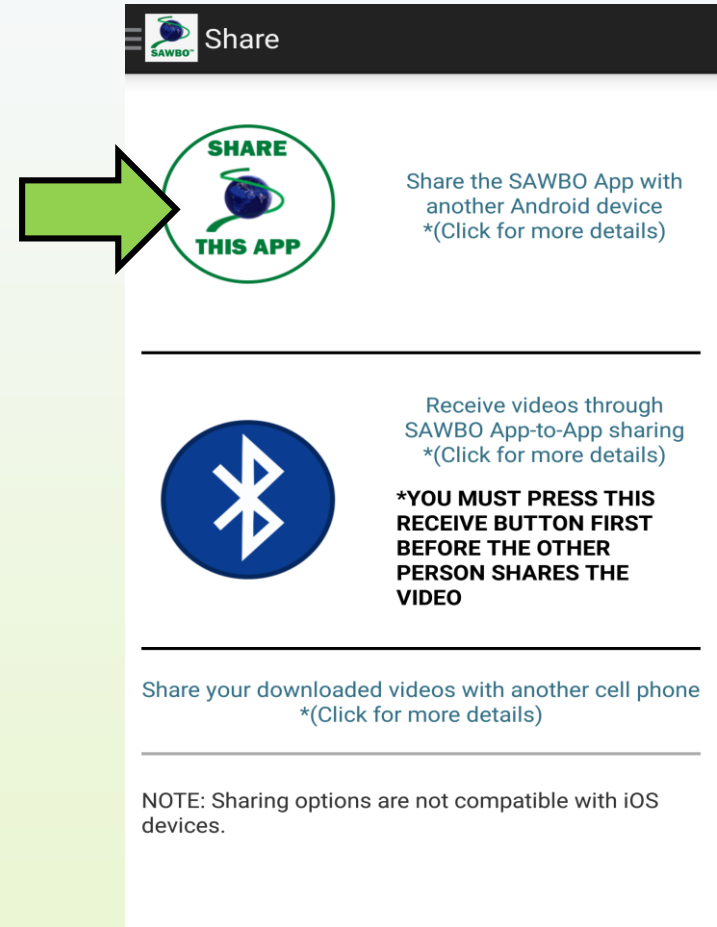
Once the animation is saved, it can be accessed offline

SAWBO DEPLOYER APP

You can share the app onto other Android via Bluetooth device



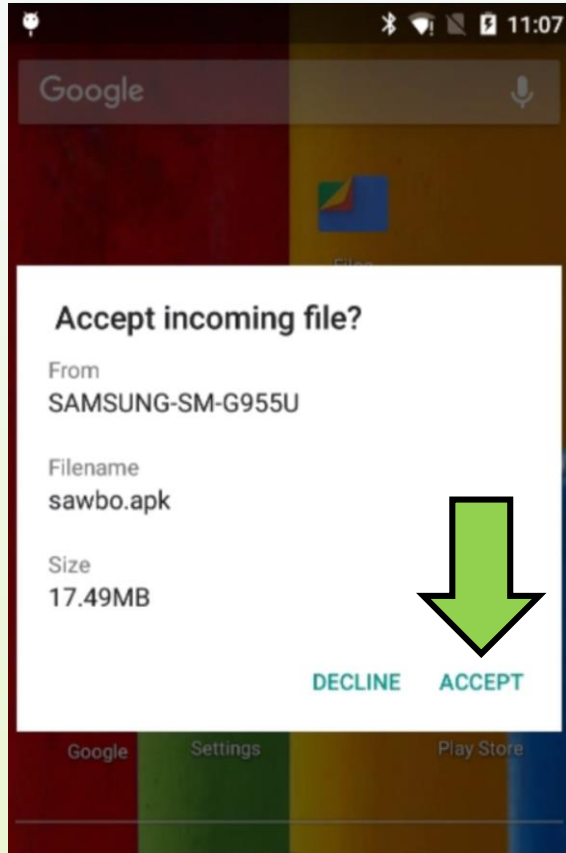
Go to share on the menu bar



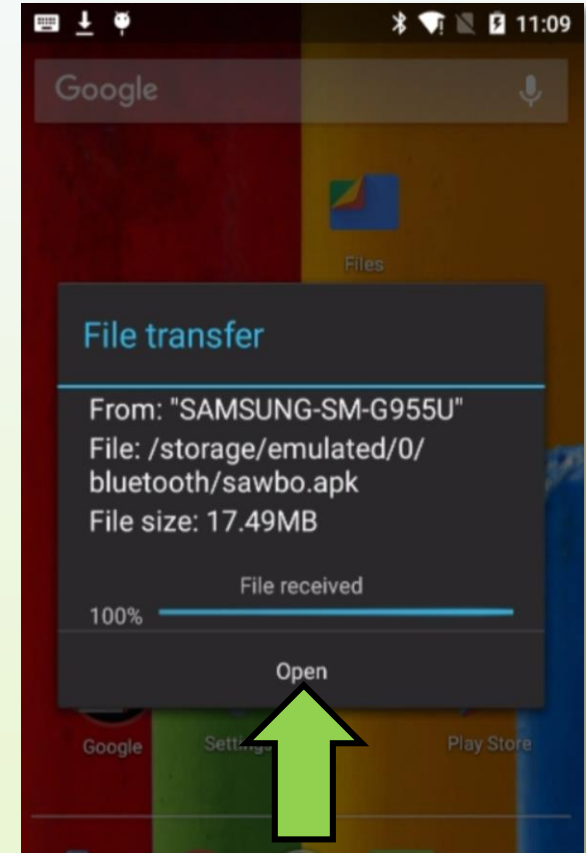
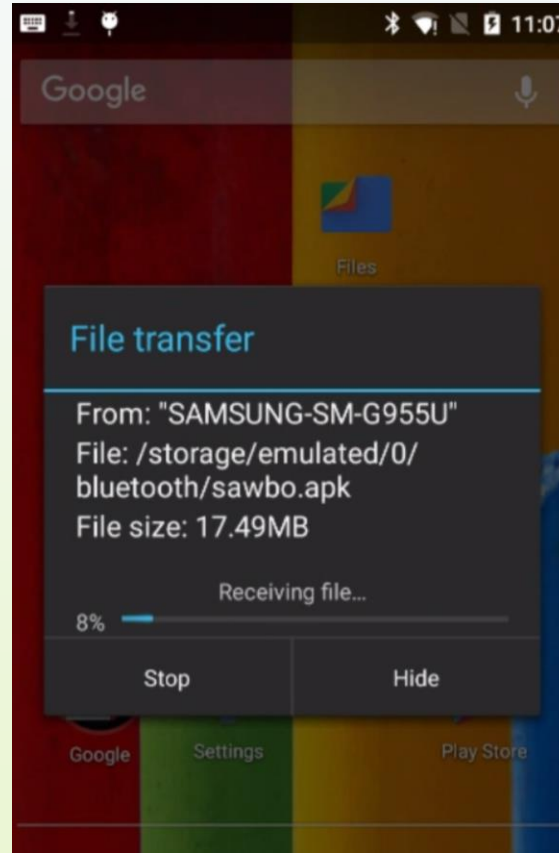
Press "SHARE THIS APP" to share

SAWBO DEPLOYER APP

You can share the app onto other Android via Bluetooth device



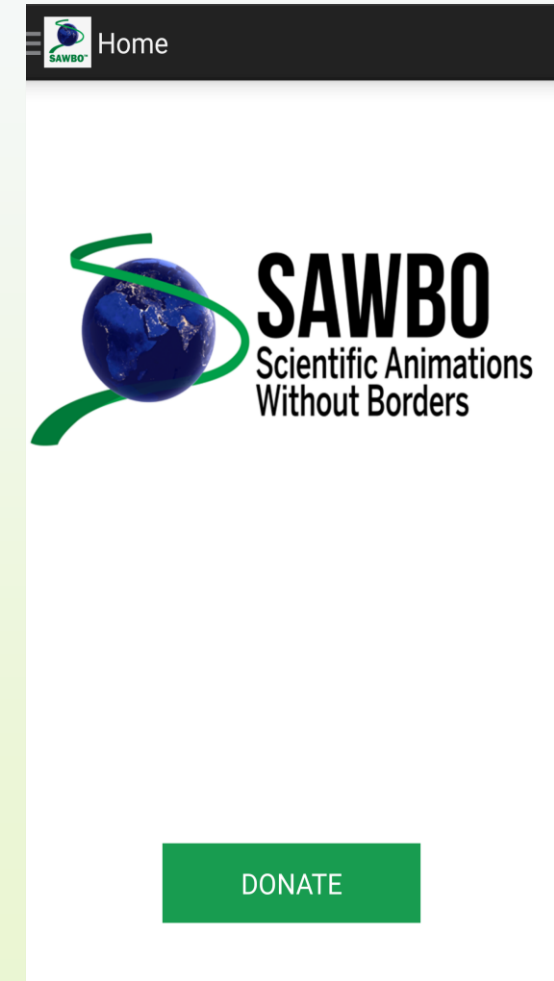
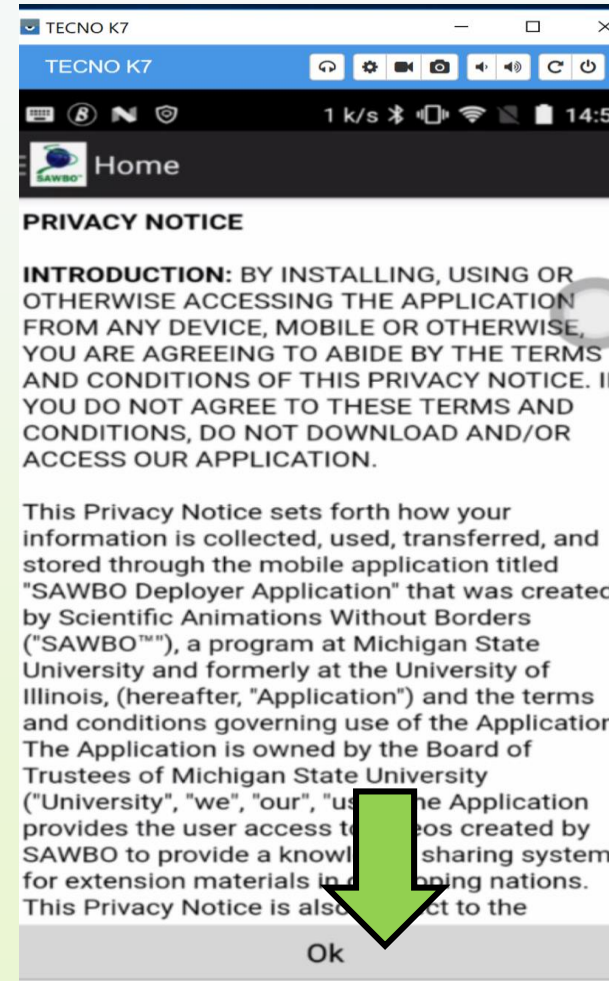
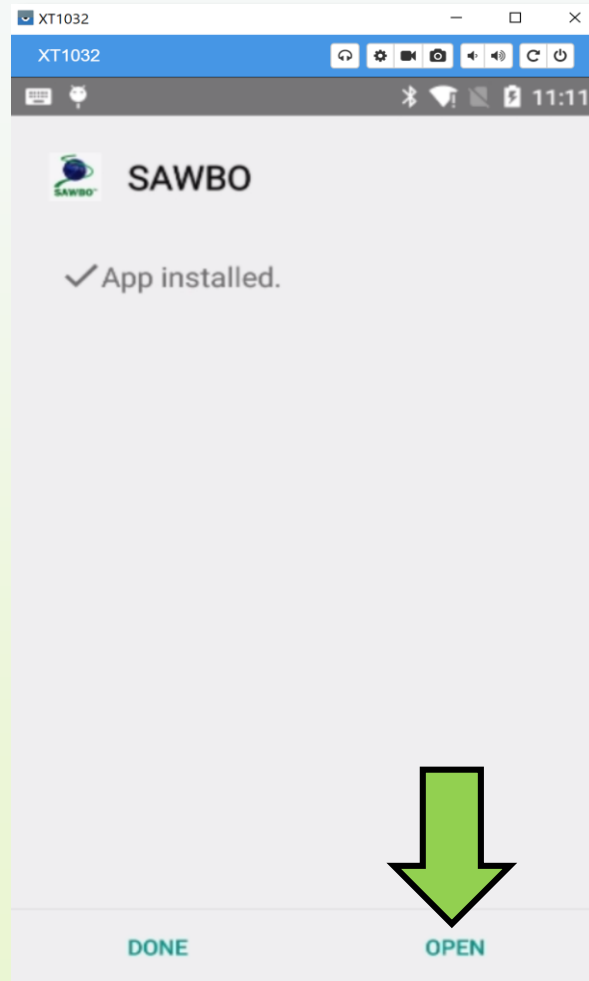
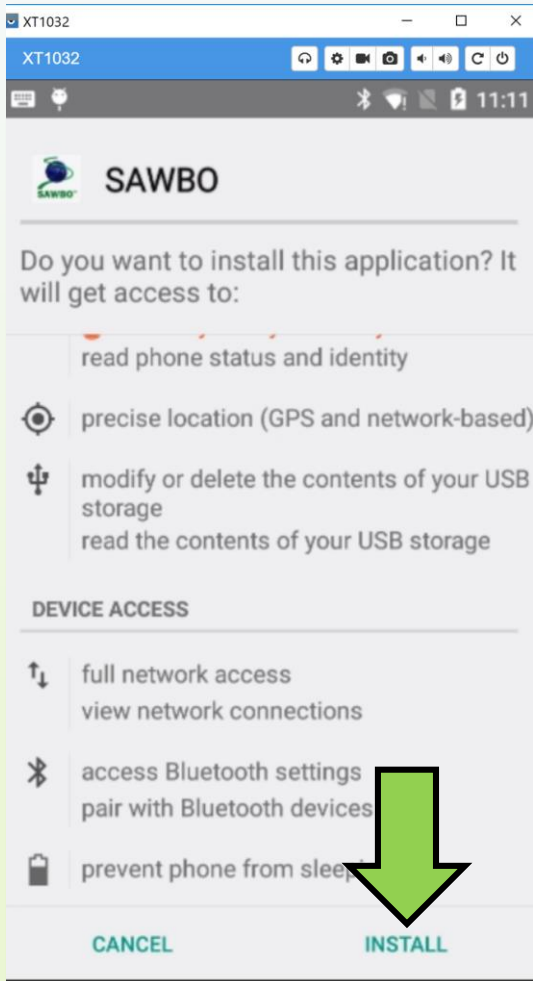
The receiver will press "ACCEPT"



Press "OPEN" to continue

SAWBO DEPLOYER APP

You can share the app onto other Android via Bluetooth device



SAWBOTM



Live streaming App training

SAWBO™

Drawing a Better World

We work with any group or person wanting to make a difference
(including individuals, students, governmental agencies,
universities ,and NGOs)

FIND US ON



youtube.com/user/SAWBOsm



facebook.com/SAWBOsm



twitter.com/SAWBOsm



sawbo-animations.org

contact@sawbo-animations.org

Thank you.

Danke

ありがとう

Dékoju

謝謝

Dzięk

Спасибо

감사

Terima kasih

Merci

Asante

Gracias

Grazie

See Supporting Research Studies:

<https://sawbo-animations.org/publications/>



Resources

How to use the SAWBO Deployer App. Watch here: <https://sawbo-animations.org/video.php?video=//www.youtube.com/embed/1DrbWxL8dRQ>

Online SAWBO Deployer App Training - <https://www.youtube.com/watch?v=KAtFqiMm-QE&feature=youtu.be>

Sign up for SAWBO's monthly Newsletters - https://sawbo-animations.org/media/index.php?passed_category=Monthly%20Newsletters





SAWBOTM

QUESTIONS?