

**FREE
#4**

**UNIVERSITY OF REIMS CHAMPAGNE-ARDENNE,
UNIVERSITY OF LINCOLN,
AND TEESSIDE UNIVERSITY PRESENT**



**CAMPUS
DES MÉTIERS
ET DES
QUALIFICATIONS
D'EXCELLENCE**

Bioeco Academy
Grand Est

GREENKID



WHO IS SUGAR KID? IS SHE TRYING TO FRAME GREEN KID? ALL THIS AND MORE!

GLOSSARY

BAZANCOURT POMACLE BIOREFINERY - ORIGINALLY A SUGAR REFINERY, THIS SITE NOW HOSTS A DOZEN COMPANIES AND PROCESSES 4 MILLION TONES OF BIOMASS A YEAR TO MAKE FOOD, CHEMICALS, COSMETICS AND BIOFUELS.

BIOMASS - ANYTHING THAT IS MADE FROM LIVING ORGANISMS ALTHOUGH MAINLY FOCUSING ON PLANTS AND ALGAE.

CIRCULAR ECONOMY - A CLOSED LOOP, AT THE END OF LIFE, THINGS CAN BE MADE INTO SOMETHING NEW.

ECOSYSTEM - ALL LIVING THINGS ARE INTERCONNECTED, EVERYTHING FROM LITTLE BACTERIA TO BIG BLUE WHALES, FROM THE SMALLEST PLANT TO THE BIGGEST TREES, IF ONE SET OF THINGS CHANGE, IT WILL IMPACT (GOOD AND BAD) ON OTHERS.

NET ZERO CARBON FUTURE - WHERE HUMAN CIVILISATION CONTINUES TO GROW AND DEVELOP BUT DOESN'T MAKE ANY MORE CARBON DIOXIDE A YEAR THAN IT USES SO NO MORE GETS ADDED TO THE ATMOSPHERE.

PETROCHEMICAL - ANY CHEMICAL THAT IS MADE FROM FOSSIL FUELS AND SO IS NOT SUSTAINABLE.

RESTORATIVE CYCLE - CROPS ARE GROWN IN WAYS THAT AID BIODIVERSITY. ALL THE CARBON IN ANY CHEMICAL OR FUEL IS FROM THE PLANTS SO THAT EVEN IF IT ENDS UP AS CARBON DIOXIDE, IT IS CAPTURED AGAIN WHEN THE NEXT CROPS ARE GROWN.

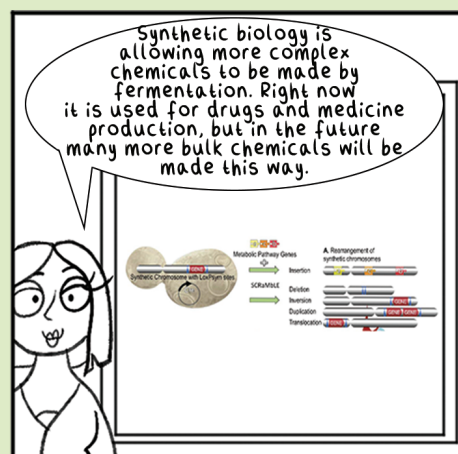
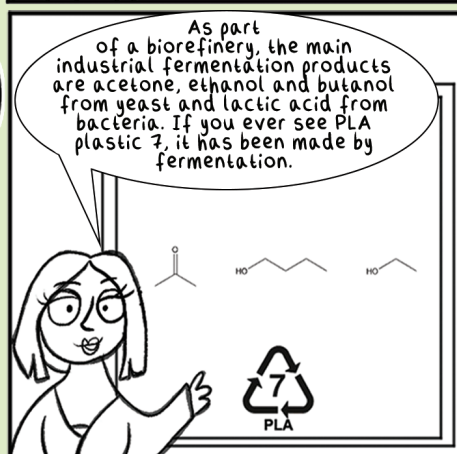
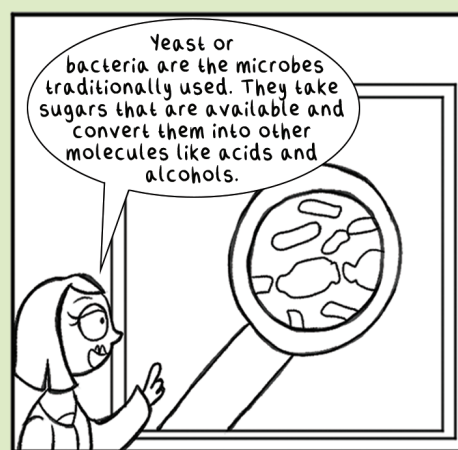
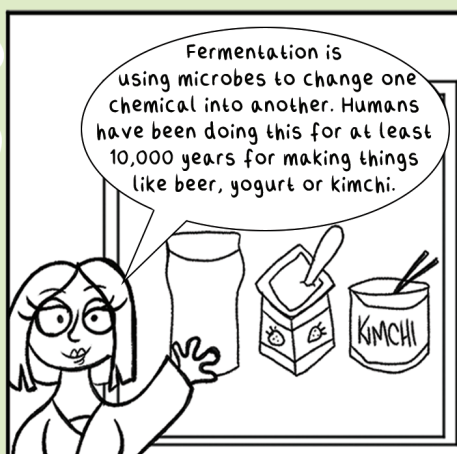
VALORISED - TURNING SOMETHING WITH NO OR LOW VALUE INTO SOMETHING MORE USEFUL AND WORTH MORE MONEY.

science!
with
Dr. Science!

COLOUR THE COMIC!



Hello!
I'm Dr
Science!



Figures extraites de Van Wik N. et al, "The smell of synthetic biology : Engineering strategies for aroma compound production in yeast". Fermentation 2018,4,54

REIMS, FRANCE.

A SUMMER
GETAWAY,
JUST WHAT
WE NEEDED!

ABSOLUTELY,
TELL YOUR MUM
I SAID THANKS
AGAIN.

BRMMMM!

HUIH?

ARRÊTEZ-
VOUS! SUMMER
PATEL AND
GREEN KID!

YOU ARE
UNDER ARREST
FOR INDUSTRIAL
SABOTAGE! YOU WILL
COME WITH ME NOW
AND HAND YOURSELF
OVER TO THE
AUTHORITIES!

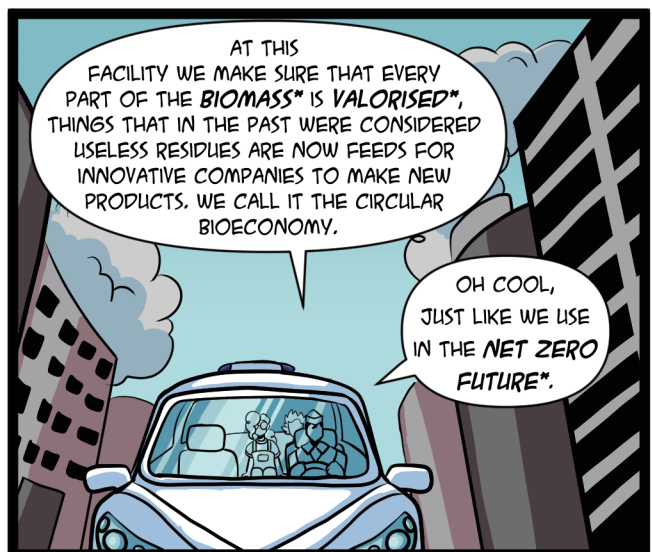
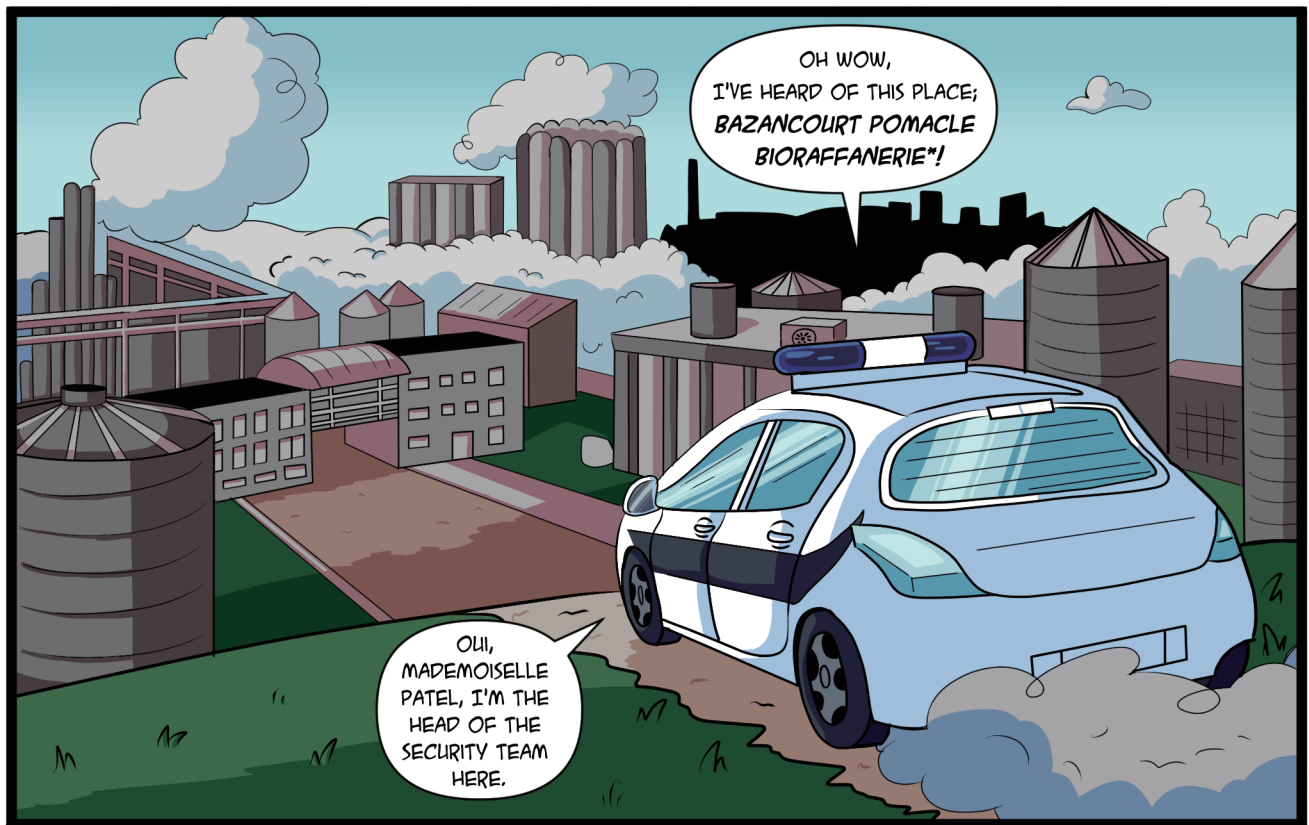
WHAT THE
SPRUCE?!

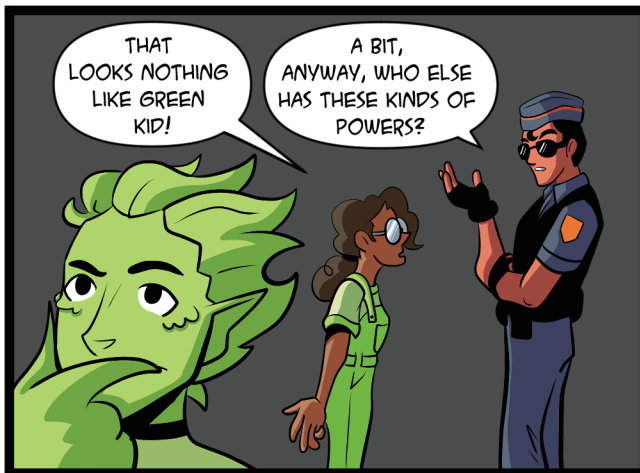
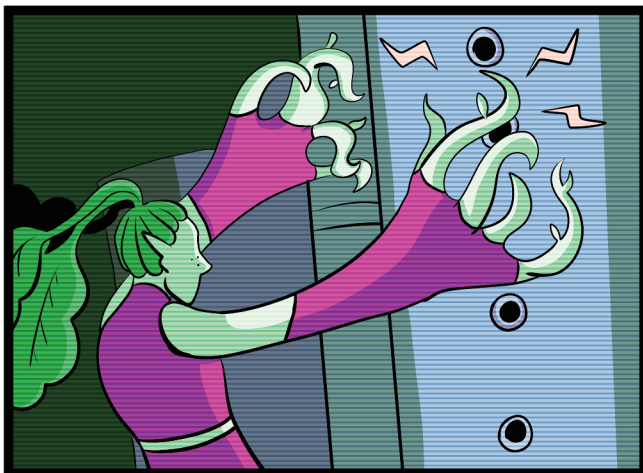
EXCUSEZ-MOI
BUT WE ONLY JUST
ARRIVED IN REIMS THIS
MORNING!

GREEN KID
COULDN'T HAVE
COMMITTED
ANY SABOTAGE!
WE'VE BEEN
WITH THEM
THE WHOLE
TIME!

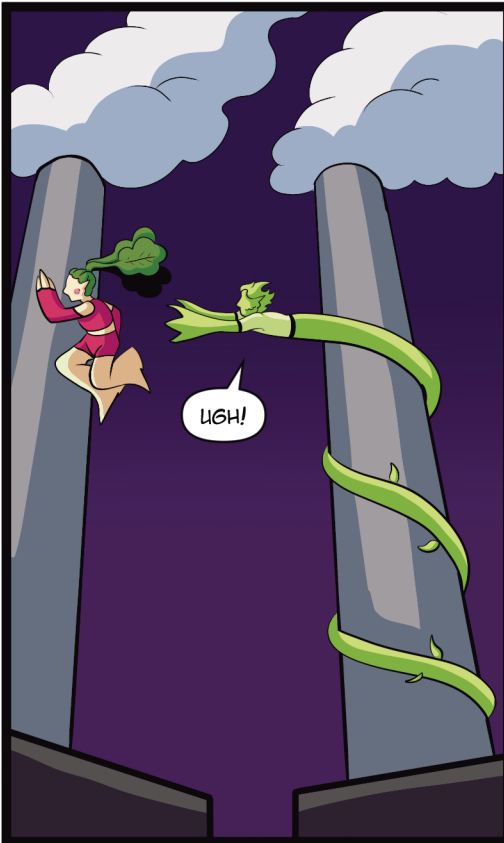
WE
HAVE SECURITY
FOOTAGE CATCHING
GREEN KID IN THE
ACT!

WELL,
WHY NOT TAKE
US TO LOOK AT
THIS FOOTAGE
AND WE CAN
HELP SOLVE
THIS ISSUE?

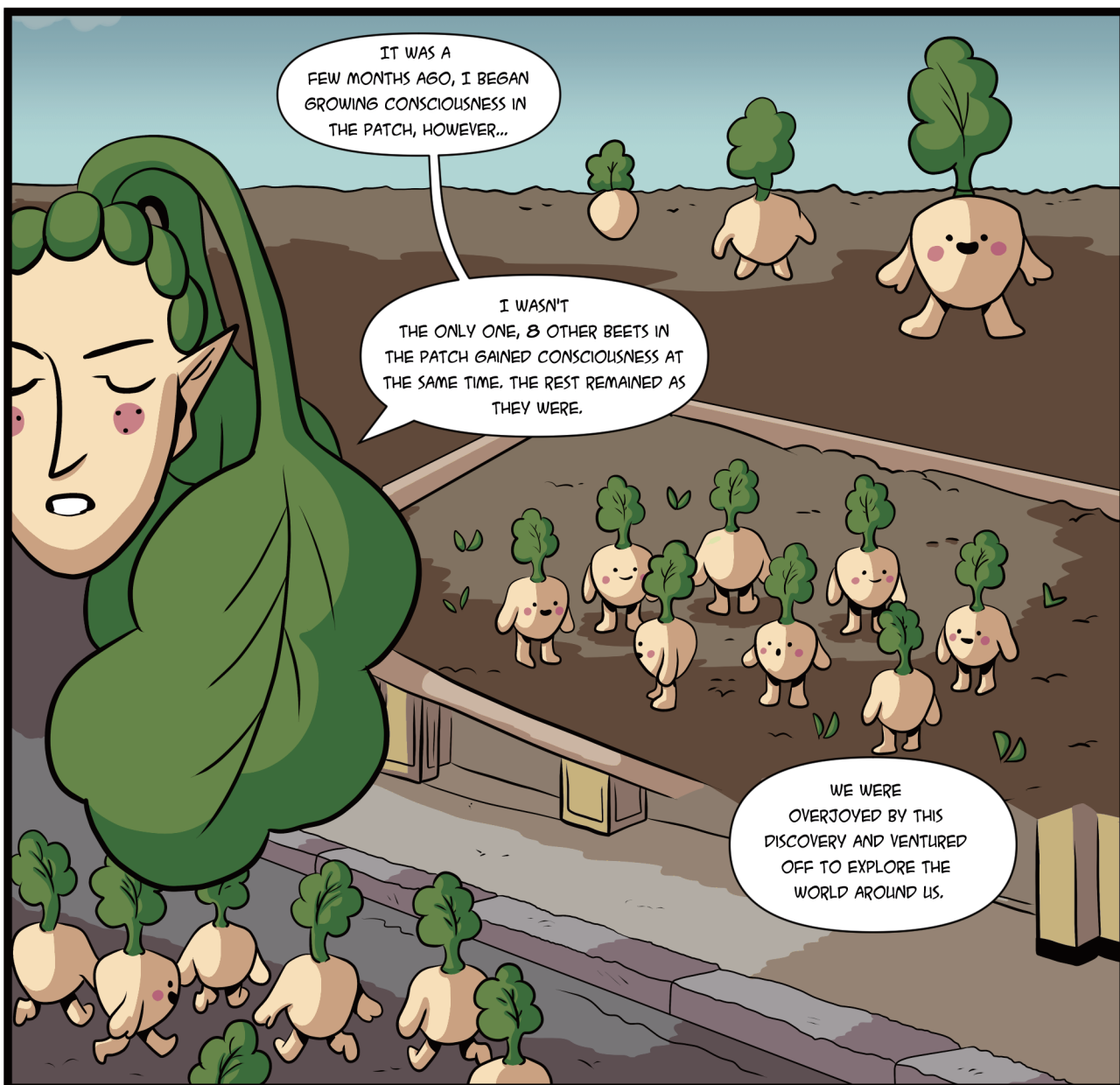
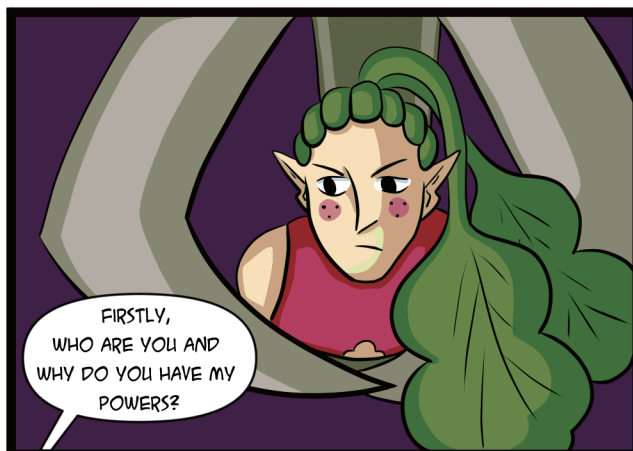


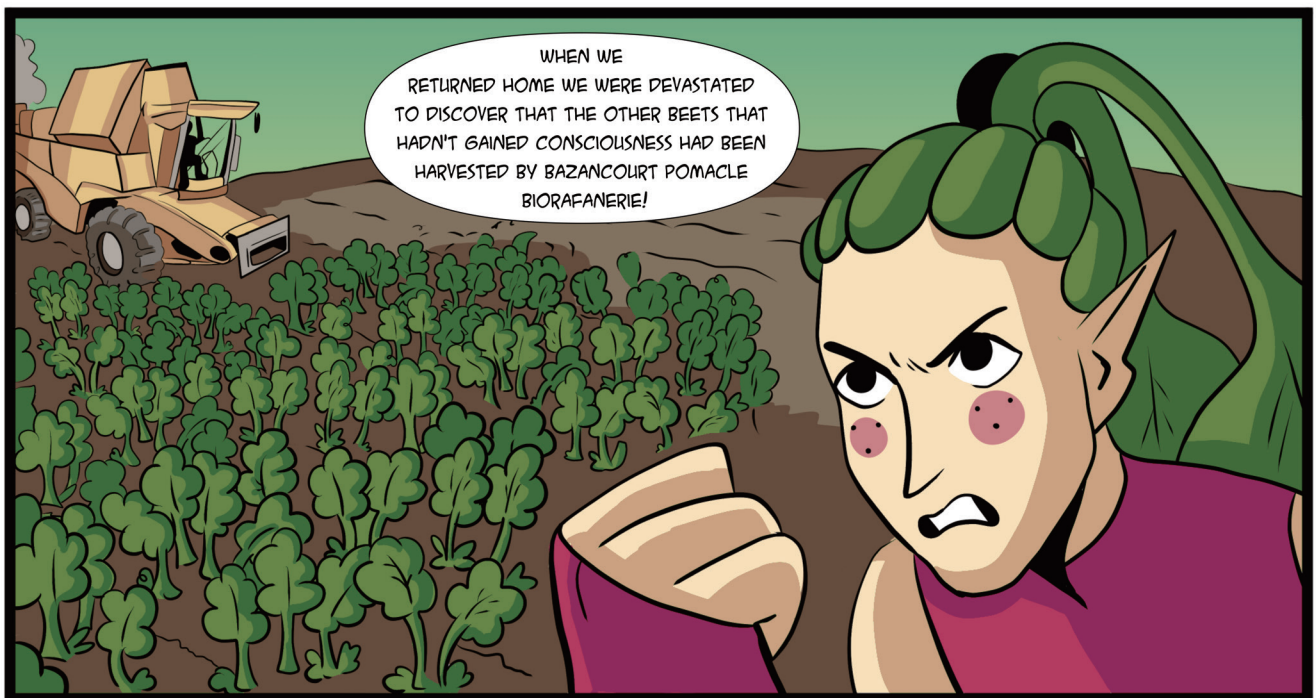
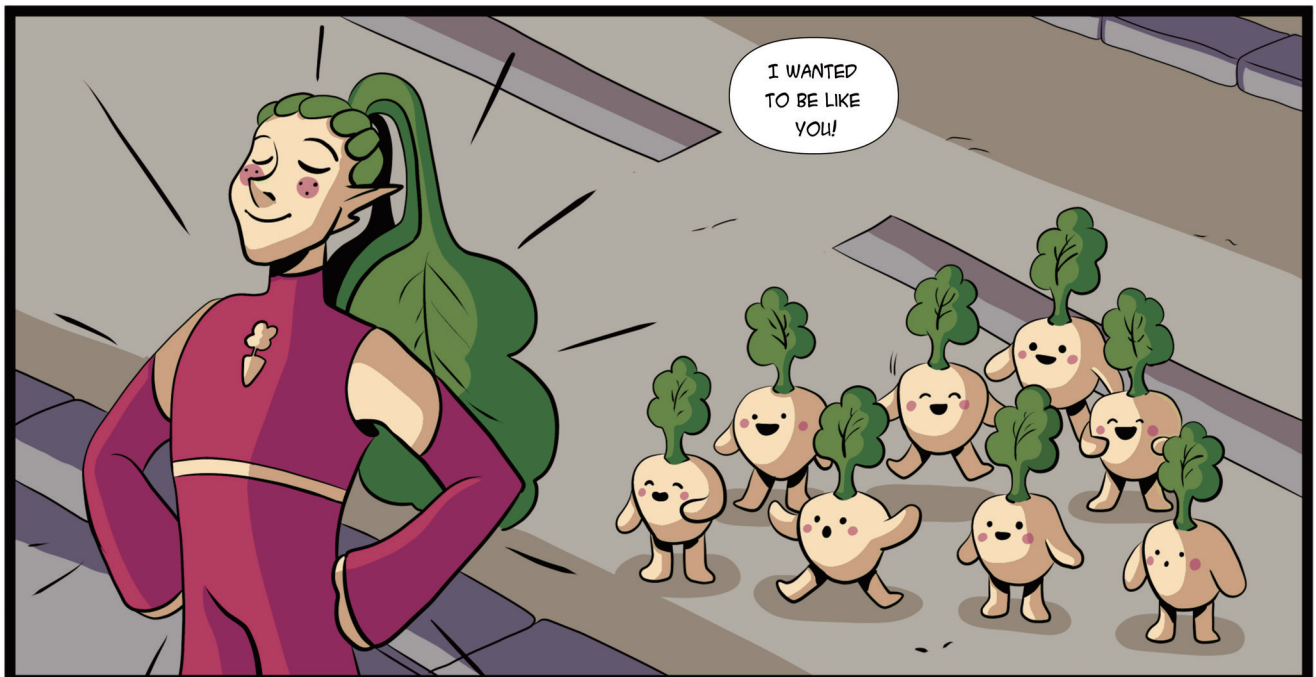
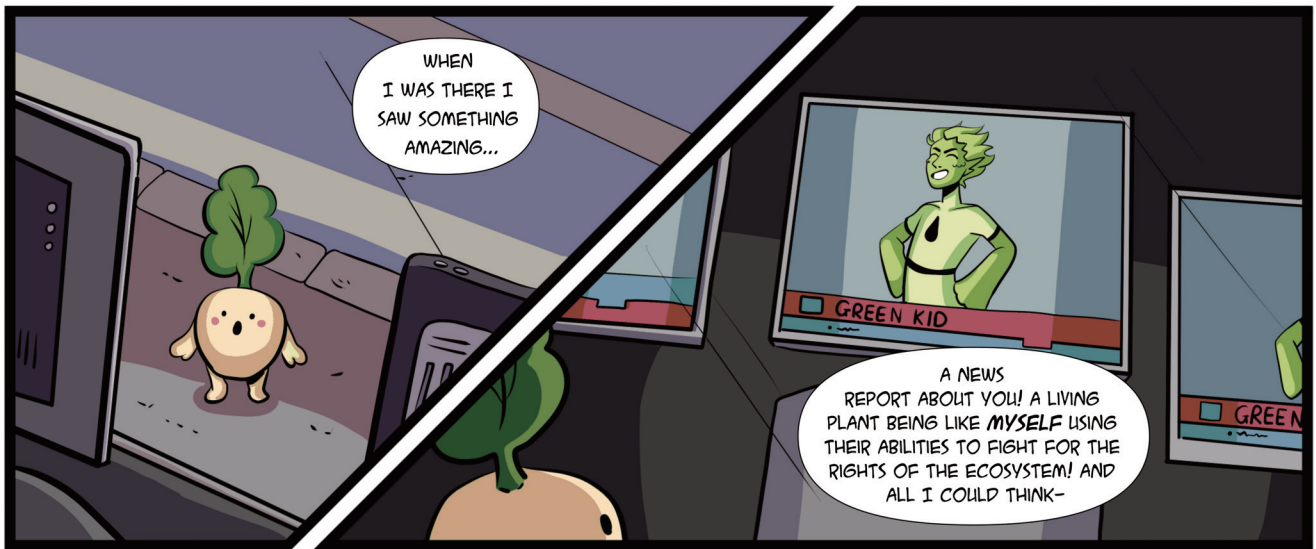


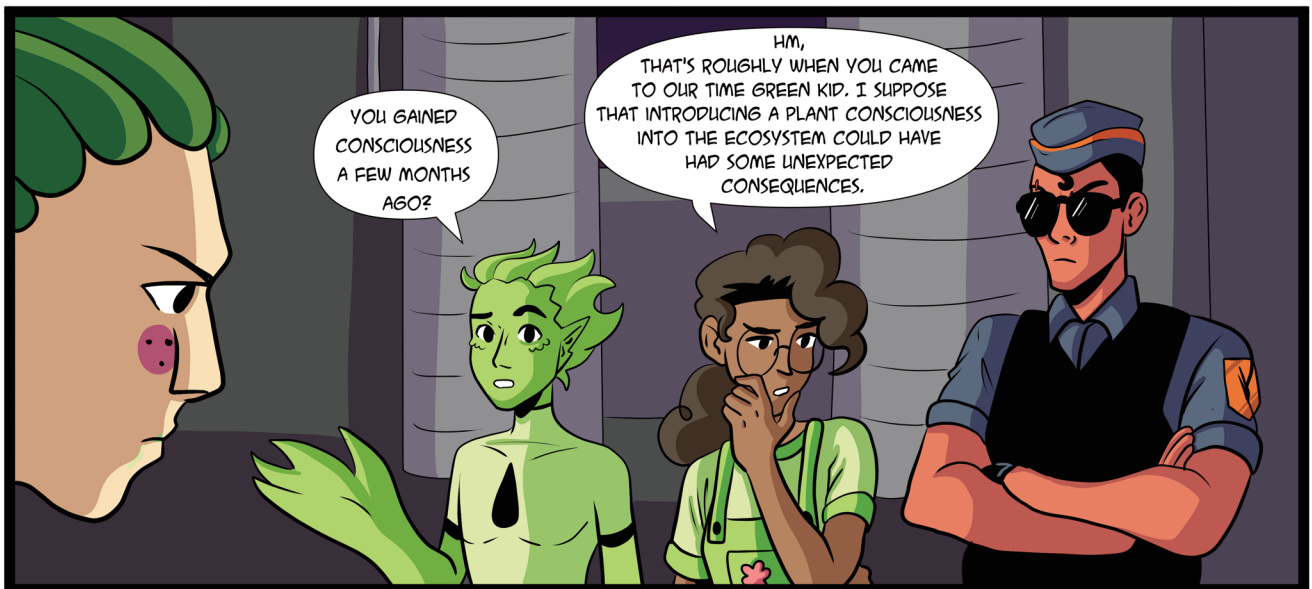


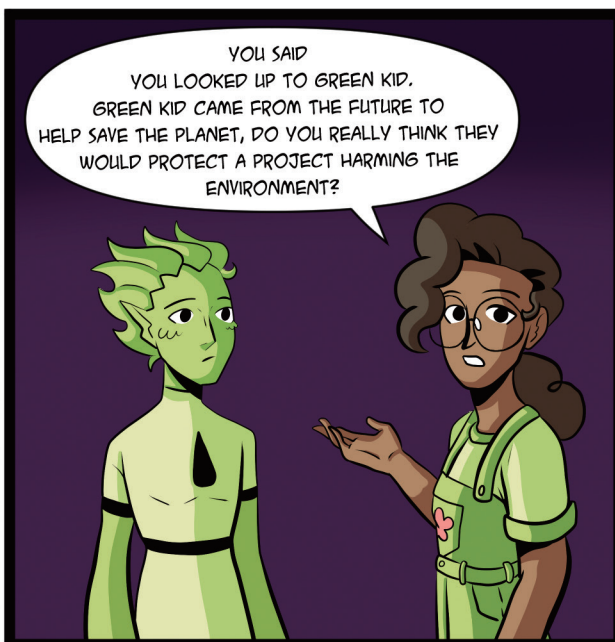
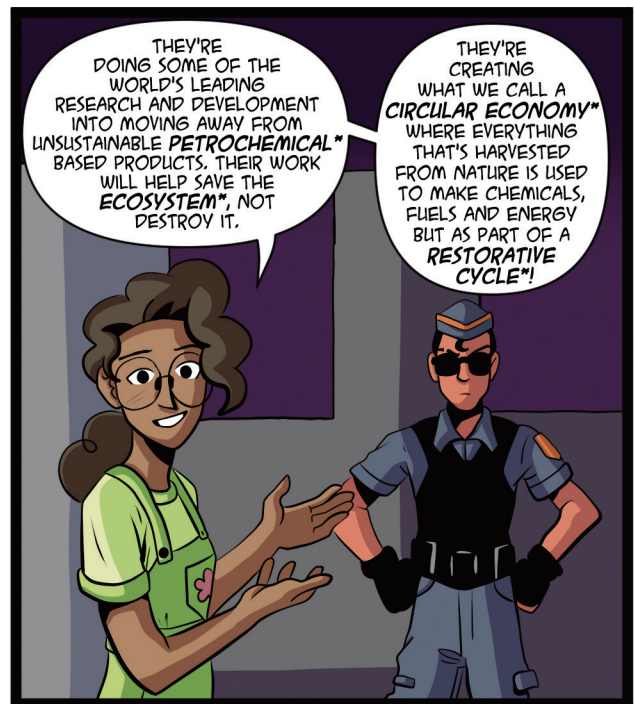
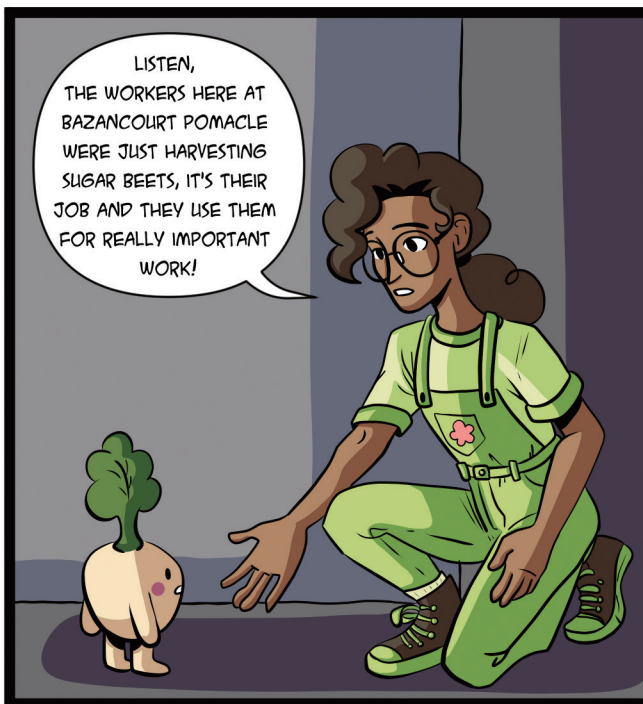


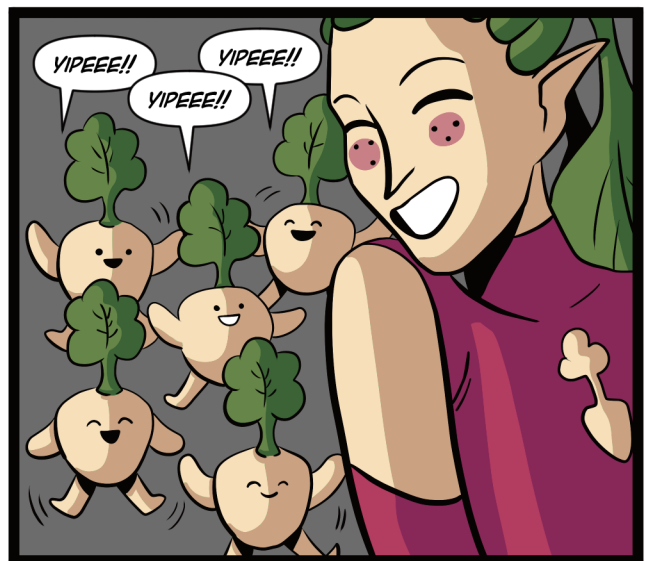
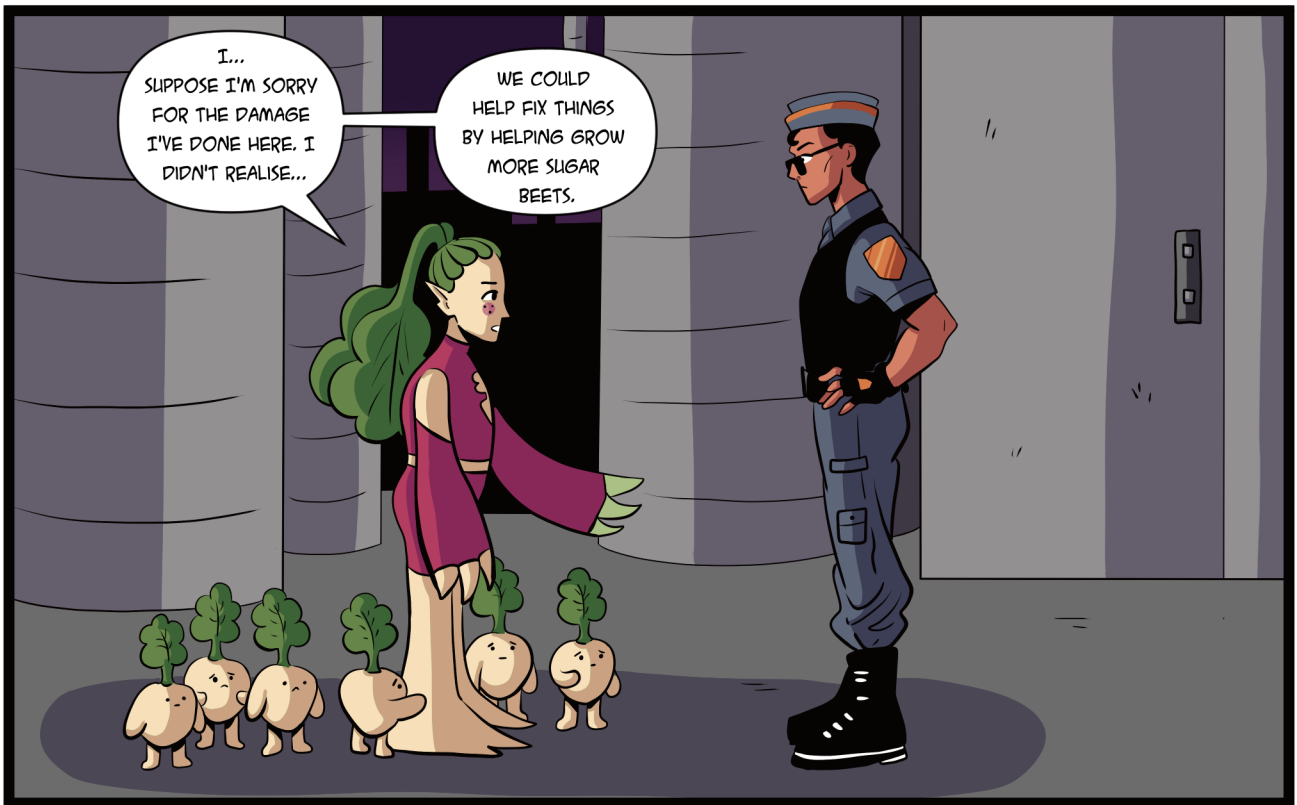


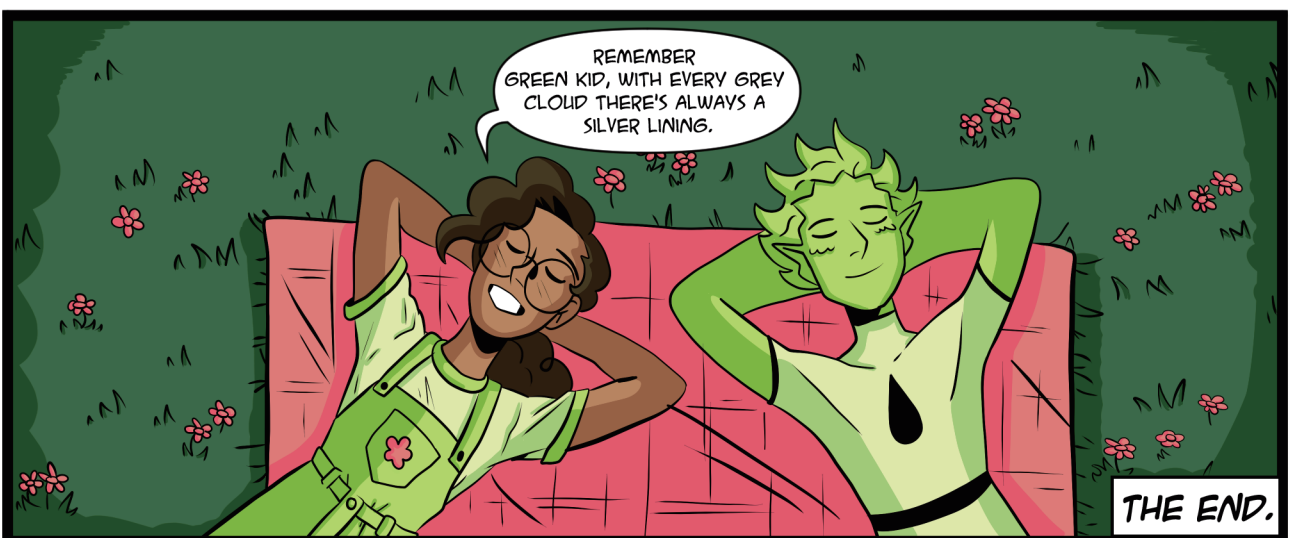
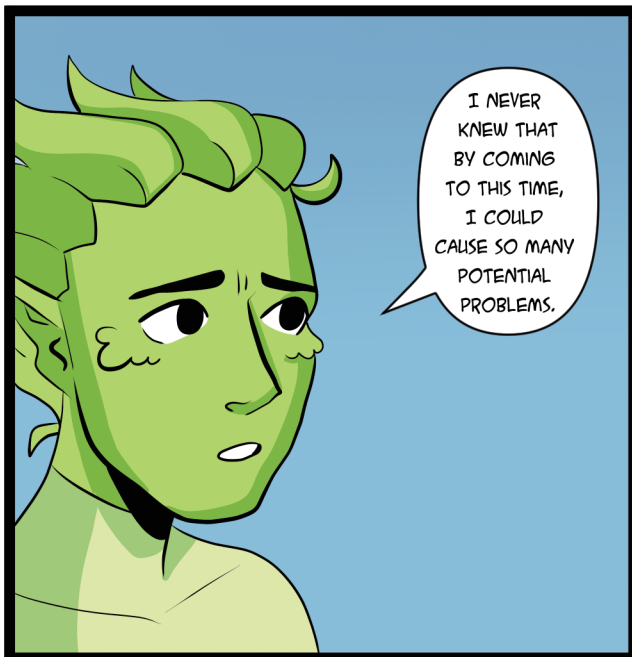
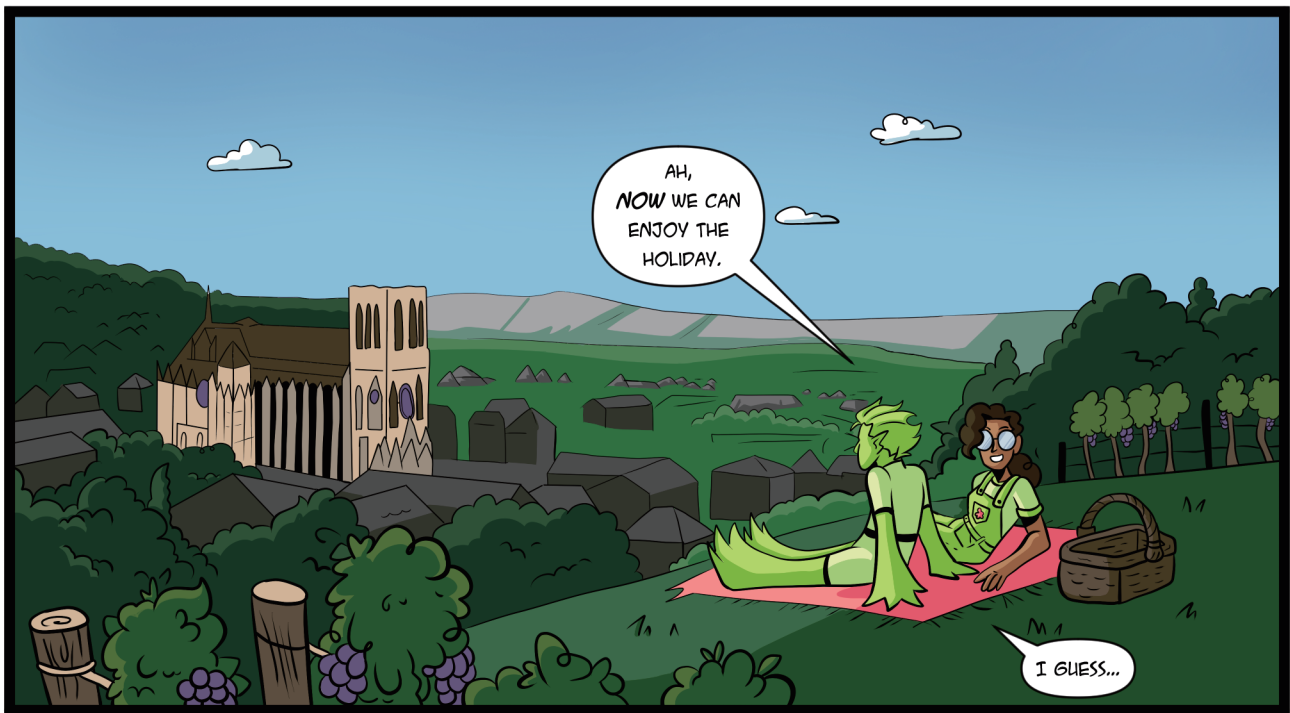








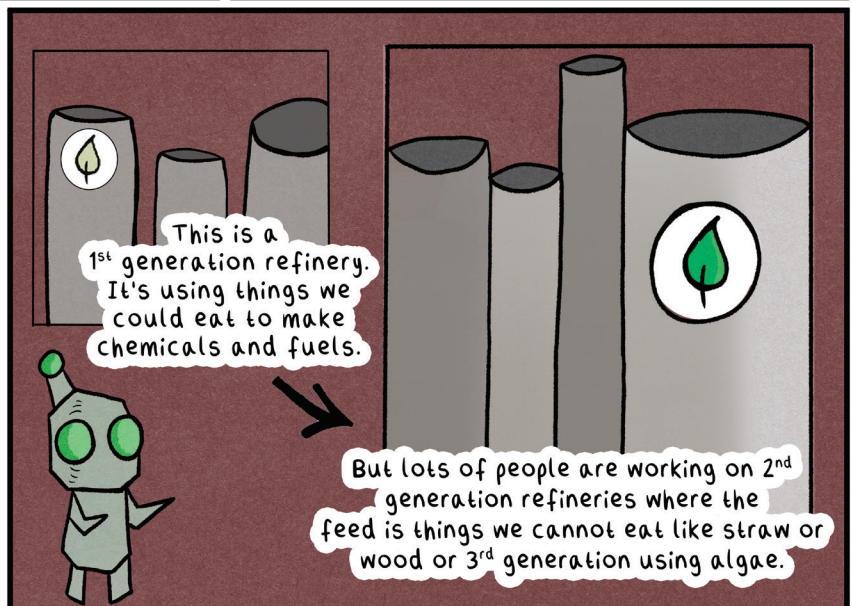
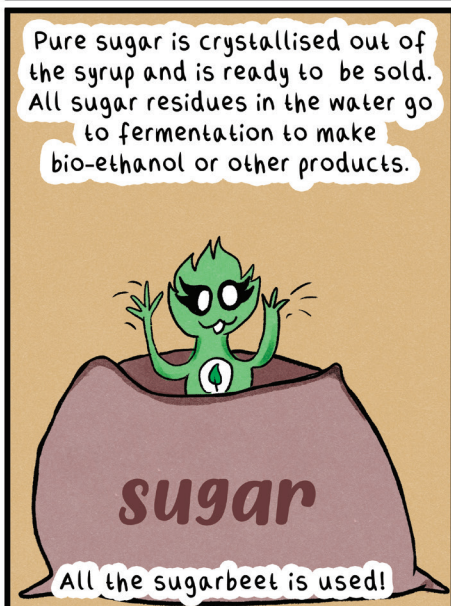
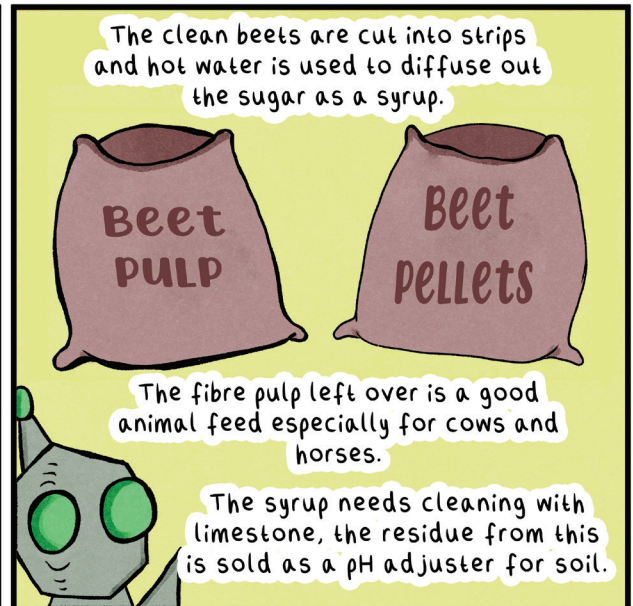
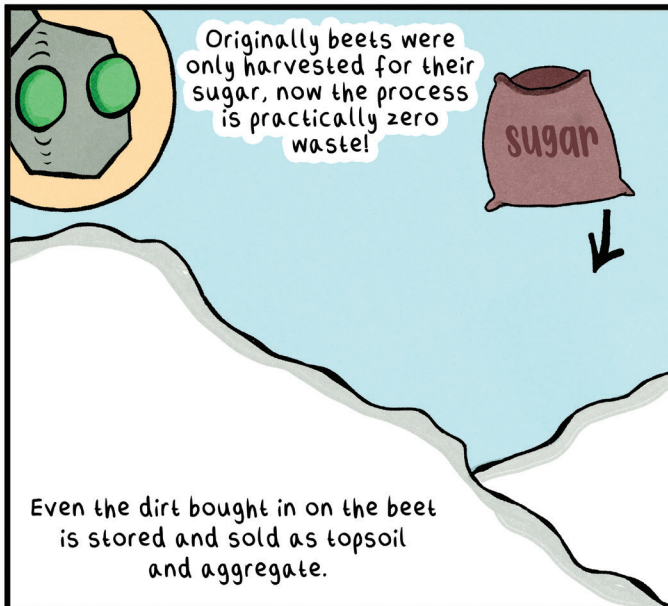
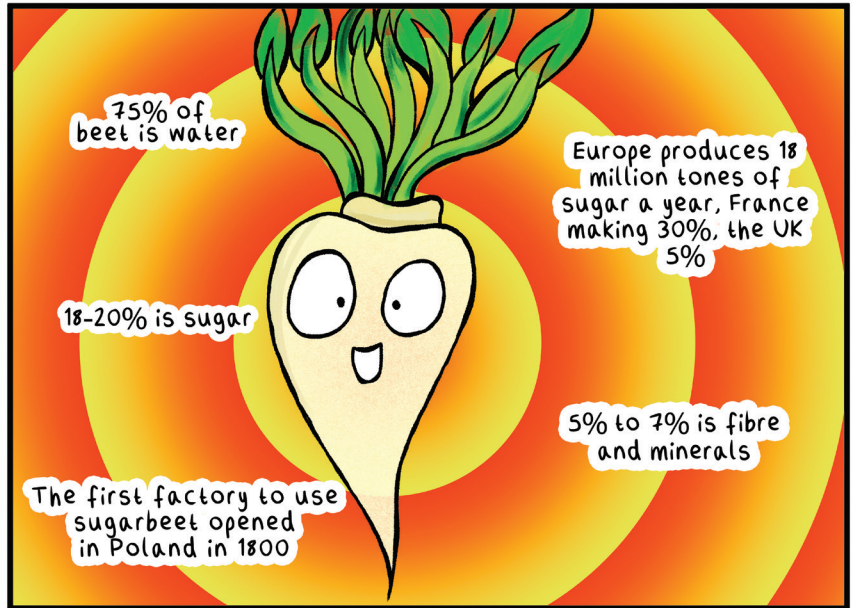
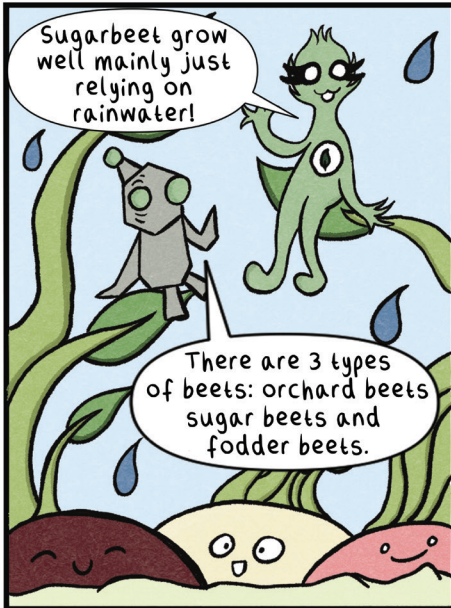




COLOUR THE COVER OF THE COMIC!

ACTIVITIES



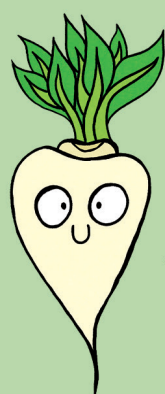


WORDSEARCH

E	N	V	I	R	O	N	M	E	N	T	S	S	I
C	O	E	D	R	K	B	T	E	E	E	Y	S	S
O	R	G	N	S	E	S	G	R	T	T	R	U	P
S	R	G	R	E	E	N	K	I	D	U	E	G	R
T	M	O	R	B	G	A	R	O	O	T	N	A	O
Y	I	V	A	L	O	R	I	S	E	D	I	R	U
S	S	Y	S	E	T	T	D	A	K	U	F	B	T
T	S	V	C	F	R	I	R	G	S	U	E	E	I
E	M	G	K	I	K	E	R	E	S	O	R	E	D
M	S	R	R	R	Y	U	V	G	U	U	O	T	E
S	R	T	A	E	I	E	S	C	E	I	I	T	T
S	E	G	M	D	R	N	U	P	S	S	B	R	L
N	U	O	D	R	C	Y	R	U	S	S	D	S	O
S	I	T	A	E	B	I	O	M	A	S	S	G	E

GREENKID
 CYRUS
 BIOREFINERY
 ENVIRONMENT
 ECOSYSTEM
 PETROCHEMICAL
 SUGARKID
 SPROUT
 SUGARBEET
 BIOMASS
 VALORISED

FRENCH WITH LITTLE BEET



HI I'M LITTLE BEET! I'M FRIENDS
 WITH SPROUT AND CYRUS AND
 I'M HERE TO HELP YOU WITH
 THE FRENCH LANGUAGE!

HELLO! - BONJOUR!



ENGLISH

BIOECONOMY
 ENVIRONMENT
 SUGAR
 SPROUT
 CIRCULAR ECONOMY
 SUGAR BEET
 BIOREFINERY

FRENCH

BIOÉCONOMIE
 ENVIRONNEMENT
 SUCRE
 GERMER
 ÉCONOMIE CIRCULAIRE
 BETTERAVE
 BIORAFFNERIE

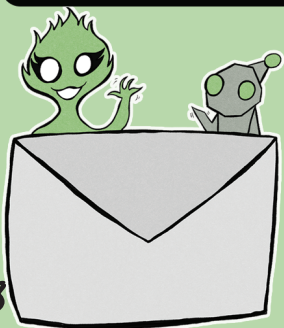
GAMES

DID YOU ENJOY
THE COMIC?



IMAGINE AND DRAW THE NEXT CHARACTER THAT GREEN
KID WILL MEET... A FRIEND OR FOE, WHO KNOWS?

A large, empty rectangular box with a black border, intended for drawing a character.



WHY NOT SEND US YOUR DESIGN? ASK YOUR
PARENT OR TEACHER TO SHARE
YOUR ART WITH US!
GREENKID@GMAIL.COM

FAN ART



MAJA



EDIE



HOLLY



FREYA

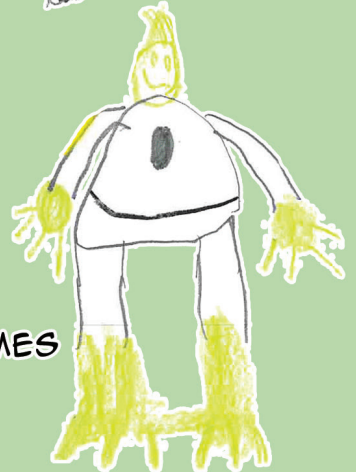
WOW!
WHAT A VARIETY
OF AMAZING
WORK!

WE
LOOK SO
CUTE!

ILYANA



JAMES



GREEN KID COLLECTION!



GREEN
KID 5 COMING
SOON!



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UNIVERSITÉ
DE REIMS
CHAMPAGNE-ARDENNE



CAMPUS
DES MÉTIERS
ET DES
QUALIFICATIONS
D'EXCELLENCE

Bioeco Academy
Grand Est

School of
Arts &
Creative
Industries



UNIVERSITY OF
LINCOLN



BANQUE des
TERRITOIRES



RÉGION ACADÉMIQUE
GRAND EST

Liberté
Égalité
Fraternité