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Level 3

Slippery ketchup bottle helps zero-waste economy

23rd February, 2017

<http://www.breakingnewsenglish.com/1702/170223-zero-waste-economy.html>

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Please try Levels 0, 1 and 2 (they are easier).

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THE ARTICLE

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

Have you ever been angry because the tomato ketchup wouldn't come out the bottle? Have you ever squeezed and squeezed the toothpaste tube but the last bit wouldn't come out? Have you ever spent ages trying to scrape the last bits of jam from the sides of the jar? If the answer to these questions is 'yes,' you may be happy to know that a solution to your problems is coming. Scientists have invented a super-slippery surface that can be put on the inside of bottles, tubes, jars, tins and other containers. The slippery inside means anything will just slide out, like water. Every last drop of things like glue, paint and cosmetics will come out, leaving the container totally empty, and making you happier and richer.

Scientists from the Massachusetts Institute of Technology and the company LiquiGlide wanted to create something that would reduce waste and save us money. The technology's co-inventor, Dr David Smith, said every day, millions of litres of ketchup, sauces, paint, gels and creams get stuck to the sides of containers and are thrown away. He said: "The technology has the potential to significantly reduce waste and be a big part of the zero-waste economy." The LiquiGlide website says: "What the wheel was to transportation, LiquiGlide is to liquids - it changes the way liquids move....We want to revolutionize consumer packaging, reduce waste, and create efficiencies. We are motivated to save lives and improve the world."

Sources: <http://www.bbc.com/news/science-environment-39030055>
<http://indianewengland.com/2017/01/kripa-varanasi-co-founded-liquiglide-closes-16-million-venture-funding/>
<http://liquiglide.com/about-us/>

WARM-UPS

1. ZERO WASTE: Students walk around the class and talk to other students about zero waste. Change partners often and share your findings.

2. CHAT: In pairs / groups, talk about these topics or words from the article. What will the article say about them? What can you say about these words and your life?

angry / tomato ketchup / squeezed / ages / jar / solution / surface / containers / glue
scientists / waste / inventor / potential / wheel / transportation / efficiencies / improve

Have a chat about the topics you liked. Change topics and partners frequently.

3. SAVE MONEY: Students A **strongly** believe the slippery surface will save us a lot of money; Students B **strongly** believe it won't. Change partners again and talk about your conversations.

4. INVENTIONS: How have they changed our life? Complete this table with your partner(s). Change partners often and share what you wrote.

	Good things	Bad things
The wheel		
Electricity		
Mobile phones		
Airplanes		
Medicine		
Slippery bottles		

5. BOTTLE: Spend one minute writing down all of the different words you associate with the word "bottle". Share your words with your partner(s) and talk about them. Together, put the words into different categories.

6. SLIPPERY: Rank these with your partner. Put the things you are happiest at slipping out of containers at the top. Change partners often and share your rankings.

- ketchup
- glue
- paint
- cosmetics
- peanut butter
- toothpaste
- hair gel
- honey

BEFORE READING / LISTENING

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

1. TRUE / FALSE: Read the headline. Guess if a-h below are true (T) or false (F).

- a. The article opens with three questions for the reader. **T / F**
- b. The article says there is no solution to their problems coming. **T / F**
- c. A new surface means things slide out of containers like water. **T / F**
- d. The article says the surface will leave people richer and happier. **T / F**
- e. The research is from the California Institute of Technology. **T / F**
- f. A co-inventor said billions of litres of things are wasted every day. **T / F**
- g. A company compared the slippery surface to the invention of the wheel. **T / F**
- h. The company said it didn't want to save people's lives. **T / F**

2. SYNONYM MATCH:

Match the following synonyms. The words in **bold** are from the news article.

- | | |
|---------------------|----------------|
| 1. angry | a. produce |
| 2. ages | b. simply |
| 3. happy | c. wrapping |
| 4. just | d. a long time |
| 5. totally | e. cut |
| 6. create | f. completely |
| 7. reduce | g. possibility |
| 8. potential | h. irritated |
| 9. packaging | i. help |
| 10. improve | j. pleased |

3. PHRASE MATCH: (Sometimes more than one choice is possible.)

- | | |
|---------------------------------------|-------------------------|
| 1. the tomato ketchup wouldn't | a. lives |
| 2. squeezed and squeezed | b. trying |
| 3. spent ages | c. drop |
| 4. anything will just slide out, | d. of litres of ketchup |
| 5. Every last | e. the toothpaste tube |
| 6. create something that would reduce | f. reduce waste |
| 7. millions | g. come out the bottle |
| 8. the potential to significantly | h. way liquids move |
| 9. it changes the | i. like water |
| 10. save | j. waste |

GAP FILL

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

Have you ever been (1) _____ because the tomato ketchup wouldn't come out the bottle? Have you ever squeezed and (2) _____ the toothpaste tube but the last bit wouldn't come out? Have you ever spent ages trying to (3) _____ the last bits of jam from the sides of the jar? If the answer to these questions is 'yes,' you may be happy to know that a (4) _____ to your problems is coming. Scientists have invented a super-slippery (5) _____ that can be put on the inside of bottles, tubes, jars, tins and other containers. The slippery inside means anything will just (6) _____ out, like water. Every last drop of things like (7) _____, paint and cosmetics will come out, leaving the container totally (8) _____, and making you happier and richer.

scrape
slide
angry
empty
surface
squeezed
glue
solution

Scientists from the Massachusetts Institute of Technology and the company LiquiGlide wanted to (9) _____ something that would reduce (10) _____ and save us money. The technology's co-inventor, Dr David Smith, said every day, (11) _____ of litres of ketchup, sauces, paint, gels and creams get stuck to the (12) _____ of containers and are thrown away. He said: "The technology has the potential to significantly (13) _____ waste and be a big part of the zero-waste economy." The LiquiGlide website says: "What the wheel was to transportation, LiquiGlide is to (14) _____ - it changes the way liquids move....We want to revolutionize consumer (15) _____, reduce waste, and create efficiencies. We are motivated to save lives and (16) _____ the world."

sides
improve
waste
packaging
millions
liquids
create
reduce

LISTENING – Guess the answers. Listen to check.

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

- 1) angry because the tomato ketchup wouldn't come _____
 - a. out a bottle
 - b. out the bottle
 - c. out that bottle
 - d. out this bottle
- 2) squeezed and squeezed the toothpaste tube but the _____ come
 - a. lasting bite wouldn't
 - b. last bit wouldn't
 - c. last bitten wouldn't
 - d. lasting bit wouldn't
- 3) you may be happy to know that a solution to your _____
 - a. problems is coming
 - b. problem is coming
 - c. problems is come in
 - d. problems is coming in
- 4) put on the inside of bottles, tubes, jars, tins and _____
 - a. other container
 - b. other containers
 - c. another containers
 - d. the other containers
- 5) leaving the container totally empty, and making you happier _____
 - a. and riches
 - b. and richest
 - c. and enrich
 - d. and richer
- 6) LiquiGlide wanted to create something that would reduce waste and _____
 - a. save we money
 - b. save us money
 - c. save they money
 - d. save them money
- 7) millions of litres of ketchup, sauces, paint, gels and creams _____ the sides
 - a. get struck to
 - b. get stuck two
 - c. get stuck to
 - d. got stuck to
- 8) LiquiGlide is to liquids - it changes the _____
 - a. way liquids moves
 - b. way liquid move
 - c. way liquid moves
 - d. way liquidity move
- 9) We want to revolutionize consumer packaging, reduce waste, and _____
 - a. create efficiencies
 - b. create inefficiencies
 - c. creating efficiencies
 - d. create in efficiencies
- 10) We are motivated to save lives and _____
 - a. improve a world
 - b. improve the world
 - c. improved the world
 - d. improve the worlds

LISTENING – Listen and fill in the gaps

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

Have you ever (1) _____ the tomato ketchup wouldn't come out the bottle? Have you ever squeezed and squeezed the toothpaste tube (2) _____ wouldn't come out? Have you ever spent ages trying to scrape the last bits of jam (3) _____ of the jar? If the answer to these questions is 'yes,' you may be happy to know that a solution (4) _____ is coming. Scientists have invented a super-slippery surface that can be put on the inside of bottles, tubes, jars, tins and other containers. The slippery inside means anything (5) _____ out, like water. Every last drop of things like glue, paint and cosmetics will come out, leaving the container (6) _____, and making you happier and richer.

Scientists from the Massachusetts Institute of Technology and the company LiquiGlide wanted to create something that would reduce (7) _____ money. The technology's co-inventor, Dr David Smith, said every day, millions of litres of ketchup, (8) _____, gels and creams get stuck to the sides of containers and are thrown away. He said: "The technology (9) _____ to significantly reduce waste and be a big part of the zero-waste economy." The LiquiGlide website says: "What (10) _____ to transportation, LiquiGlide is to liquids - it changes the way liquids move...We want (11) _____ consumer packaging, reduce waste, and create efficiencies. We are motivated to save lives and (12) _____."

COMPREHENSION QUESTIONS

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

1. What did the article ask if you had "squeezed and squeezed"?
2. What did the article ask if you had scraped from the sides of a jar?
3. What did the article say was coming?
4. What did the article say things slid out of containers like?
5. How will the new slippery surface make people feel?
6. What did the scientists want people to save by using the new surface?
7. Who is David Smith?
8. What did the company LiquiGlide say was important to transportation?
9. What did LiquiGlide want to change about liquids?
10. What did LiquiGlide say it wanted to improve?

MULTIPLE CHOICE - QUIZ

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

- 1) What did the article ask if you had "squeezed and squeezed"?
 - a) a toothpaste tube
 - b) a lemon
 - c) your finances
 - d) a baby's cheek
- 2) What did the article ask if you had scraped from the sides of a jar?
 - a) peanut butter
 - b) honey
 - c) jam
 - d) mayonnaise
- 3) What did the article say was coming?
 - a) the inside
 - b) a solution
 - c) a new kind of ketchup
 - d) waterproof toothpaste
- 4) What did the article say things slid out of containers like?
 - a) honey
 - b) juice
 - c) oil
 - d) water
- 5) How will the new slippery surface make people feel?
 - a) happier
 - b) excited
 - c) relieved
 - d) angry
- 6) What did the scientists want people to save by using the new surface?
 - a) time
 - b) honey
 - c) containers
 - d) money
- 7) Who is David Smith?
 - a) a toothpaste tube squeezer
 - b) an inventor
 - c) a ketchup expert
 - d) a bottle maker
- 8) What did the company LiquiGlide say was important to transportation?
 - a) the Internet
 - b) tunnels
 - c) oil
 - d) the wheel
- 9) What did LiquiGlide want to change about liquids?
 - a) how thick they are
 - b) their boiling point
 - c) the way they move
 - d) their colour
- 10) What did LiquiGlide say it wanted to improve?
 - a) the taste of ketchup
 - b) the world
 - c) transportation
 - d) the wheel

ROLE PLAY

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

Role A – The Wheel

You think the wheel is the world's best invention. Tell the others three reasons why. Tell them why their inventions are not so important. Also, tell the others which is the least important of these (and why): the slippery bottle surface, the computer or chocolate.

Role B – The Slippery Bottle Surface

You think the slippery bottle surface is the world's best invention. Tell the others three reasons why. Tell them why their inventions are not so important. Also, tell the others which is the least important of these (and why): the wheel, the computer or chocolate.

Role C – The Computer

You think the computer is the world's best invention. Tell the others three reasons why. Tell them why their inventions are not so important. Also, tell the others which is the least important of these (and why): the slippery bottle surface, the wheel or chocolate.

Role D – Chocolate

You think chocolate is the world's best invention. Tell the others three reasons why. Tell them why their inventions are not so important. Also, tell the others which is the least important of these (and why): the slippery bottle surface, the computer or the wheel.

AFTER READING / LISTENING

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

1. WORD SEARCH: Look in your dictionary / computer to find collocates, other meanings, information, synonyms ... for the words 'zero' and 'waste'.

zero	waste
-------------	--------------

- Share your findings with your partners.
- Make questions using the words you found.
- Ask your partner / group your questions.

2. ARTICLE QUESTIONS: Look back at the article and write down some questions you would like to ask the class about the text.

- Share your questions with other classmates / groups.
- Ask your partner / group your questions.

3. GAP FILL: In pairs / groups, compare your answers to this exercise. Check your answers. Talk about the words from the activity. Were they new, interesting, worth learning...?

4. VOCABULARY: Circle any words you do not understand. In groups, pool unknown words and use dictionaries to find their meanings.

5. TEST EACH OTHER: Look at the words below. With your partner, try to recall how they were used in the text:

<ul style="list-style-type: none">• angry• bit• sides• yes• just• empty	<ul style="list-style-type: none">• create• money• stuck• big• move• world
--	---

ZERO WASTE SURVEY

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

Write five GOOD questions about zero waste in the table. Do this in pairs. Each student must write the questions on his / her own paper.
When you have finished, interview other students. Write down their answers.

	STUDENT 1 _____	STUDENT 2 _____	STUDENT 3 _____
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

ZERO WASTE DISCUSSION

STUDENT A's QUESTIONS (Do not show these to student B)

1. What did you think when you read the headline?
2. What images are in your mind when you hear the word 'zero'?
3. What things do you waste every day?
4. Do you get angry at ketchup bottles?
5. How do you squeeze the last bit of toothpaste from the tube?
6. How do you get the jam off the side of a jar?
7. How happy are you that slippery containers are coming?
8. How much money do you think we will save by using this technology?
9. What other things can you not get out of tubes, cans, tins and jars?
10. What would be a good name for this technology?

Slippery ketchup bottle helps zero-waste economy – 23rd February, 2017
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ZERO WASTE DISCUSSION

STUDENT B's QUESTIONS (Do not show these to student A)

11. Did you like reading this article? Why/not?
12. What do you think of when you hear the word 'waste'?
13. What do you think about what you read?
14. What could you do to reduce waste?
15. What is the zero waste economy?
16. What can you do every day to reduce waste?
17. Should we wear clothes until they fall apart?
18. Should we use electrical goods until they break?
19. How will this technology improve the world?
20. What questions would you like to ask the inventors?

DISCUSSION (Write your own questions)

STUDENT A's QUESTIONS (Do not show these to student B)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

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DISCUSSION (Write your own questions)

STUDENT B's QUESTIONS (Do not show these to student A)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

LANGUAGE - CLOZE

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

Have you ever been (1) _____ because the tomato ketchup wouldn't come out the bottle? Have you ever squeezed and squeezed the toothpaste (2) _____ but the last bit wouldn't come out? Have you ever spent (3) _____ trying to scrape the last bits of jam from the sides of the jar? If the answer to these questions is 'yes,' you may be happy (4) _____ know that a solution to your problems is coming. Scientists have invented a super-slippery surface that can be put on the (5) _____ of bottles, tubes, jars, tins and other containers. The slippery inside means anything will just slide out, like water. Every last drop of things like glue, paint and cosmetics will come out, (6) _____ the container totally empty, and making you happier and richer.

Scientists from the Massachusetts Institute of Technology and the company LiquiGlide wanted to create something that would (7) _____ waste and save us money. The technology's co-inventor, Dr David Smith, said every day, millions of litres of ketchup, sauces, paint, gels and creams (8) _____ stuck to the sides of containers and are thrown away. He said: "The technology has the potential to (9) _____ reduce waste and be a big (10) _____ of the zero-waste economy." The LiquiGlide website says: "(11) _____ the wheel was to transportation, LiquiGlide is to liquids - it changes the way liquids move....We want to revolutionize consumer packaging, reduce waste, and create efficiencies. We are motivated to (12) _____ lives and improve the world."

Put the correct words from the table below in the above article.

- | | | | | |
|-----|---------------|------------------|-----------------|-------------------|
| 1. | (a) anger | (b) angry | (c) angrily | (d) angers |
| 2. | (a) tub | (b) tube | (c) tubing | (d) tuber |
| 3. | (a) ageing | (b) aged | (c) age | (d) ages |
| 4. | (a) for | (b) to | (c) by | (d) at |
| 5. | (a) indent | (b) inside | (c) intern | (d) internal |
| 6. | (a) leaver | (b) leaves | (c) leaving | (d) left |
| 7. | (a) reduction | (b) reducing | (c) reduce | (d) reduces |
| 8. | (a) do | (b) be | (c) get | (d) glue |
| 9. | (a) signified | (b) significance | (c) significant | (d) significantly |
| 10. | (a) portion | (b) slice | (c) segment | (d) part |
| 11. | (a) What | (b) That | (c) Which | (d) How |
| 12. | (a) spend | (b) deposit | (c) save | (d) invest |

SPELLING

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

Paragraph 1

1. zueedseq the toothpaste tube
2. apesrc the last bits of jam
3. a ouilnost to your problems
4. a super-repslypi surface
5. tubes, jars, tins and other rtsniecaon
6. paint and tocmiscse will come out

Paragraph 2

7. reeucd waste
8. llsmnioi of litres
9. hortwn away
10. The technology has the ptliontae
11. it changes the way iiulsqd move
12. save lives and ovmepir the world

PUT THE TEXT BACK TOGETHER

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

Number these lines in the correct order.

- () inside of bottles, tubes, jars, tins and other containers. The slippery inside means anything will just slide
- () out, like water. Every last drop of things like glue, paint and cosmetics will come out, leaving the container totally
- () Scientists from the Massachusetts Institute of Technology and the company LiquiGlide wanted to create
- () day, millions of litres of ketchup, sauces, paint, gels and creams get stuck to the sides of containers
- () part of the zero-waste economy." The LiquiGlide website says: "What the wheel was to
- () packaging, reduce waste, and create efficiencies. We are motivated to save lives and improve the world."
- () transportation, LiquiGlide is to liquids - it changes the way liquids move....We want to revolutionize consumer
- () squeezed the toothpaste tube but the last bit wouldn't come out? Have you ever spent ages trying to scrape the last
- () solution to your problems is coming. Scientists have invented a super-slippery surface that can be put on the
- () bits of jam from the sides of the jar? If the answer to these questions is 'yes,' you may be happy to know that a
- () empty, and making you happier and richer.
- (**1**) Have you ever been angry because the tomato ketchup wouldn't come out the bottle? Have you ever squeezed and
- () and are thrown away. He said: "The technology has the potential to significantly reduce waste and be a big
- () something that would reduce waste and save us money. The technology's co-inventor, Dr David Smith, said every

PUT THE WORDS IN THE RIGHT ORDER

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

1. the because ketchup out Angry tomato come bottle the wouldn't .
2. the last bit wouldn't come out Squeezed the toothpaste tube but .
3. sides the from jam of bits last the Scrape jar the of .
4. out anything The will slippery just inside slide means .
5. the empty come leaving totally will , container Cosmetics out .
6. create waste something LiquiGlide that wanted would to reduce .
7. the to stuck get Creams away thrown are and containers of sides .
8. the waste potential The to technology significantly has reduce .
9. want We packaging consumer revolutionize to .
10. world motivated lives the are save improve We to and .

CIRCLE THE CORRECT WORD (20 PAIRS)

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

Have you ever been *angrily* / *angry* because the tomato ketchup wouldn't come out the bottle? Have you ever squeezed and squeezed the toothpaste *tube* / *tub* but the last bit wouldn't come out? Have you ever spent *age* / *ages* trying to scrape the last bits of jam from the sides of the *ajar* / *jar*? If the answer to these questions is 'yes,' you may be *happily* / *happy* to know that a *solve* / *solution* to your problems is coming. Scientists have invented a super-slippery surface that can *be* / *being* put on the inside of bottles, tubes, jars, tins and *another* / *other* containers. The slippery inside means anything will just slide out, *like* / *alike* water. Every last drop of things like glue, paint and cosmetics will come out, leaving the container totally empty, and *making* / *marking* you happier and richer.

Scientists from the Massachusetts Institute of Technology and the company LiquiGlide *wanted* / *wanting* to create something that would *reduce* / *reduction* waste and *saving* / *save* us money. The technology's co-inventor, Dr David Smith, said every day, millions of litres of ketchup, *sources* / *sauces*, paint, gels and creams get stuck to the sides of containers and are *thrown* / *throwing* away. He said: "The technology has the potential to significantly reduce waste and *be* / *do* a big part of the zero-waste economy." The LiquiGlide website says: "*What* / *That* the wheel was to transportation, LiquiGlide is to liquids - it changes the *weight* / *way* liquids move....We want to revolutionize consumer *backpacks* / *packaging*, reduce waste, and create efficiencies. We are motivated to *save* / *spend* lives and improve the world."

Talk about the connection between each pair of words in italics, and why the correct word is correct.

INSERT THE VOWELS (a, e, i, o, u)

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

H_v_ y_ _v_r b_ _n_ ngry b_c_ _s_ th_ t_m_t_ k_tch_p
w_ _ldn't c_m_ _t th_ b_ttl? H_v_ y_ _v_r sq_ _z_d
nd sq _z_d th_ t_thp_st_ t_b_ b_t th_ l_st b_t
w_ _ldn't c_m_ _t? H_v_ y_ _v_r sp_nt_g_s try_ng t_
scr_p_ th_ l_st b_ts_ f_j_m fr_m th_ s_d_s_ f th_ j_r?
f th _nsw_r t_ th_s_ q_ _st_ _ns_ s 'y_s,' y_ _m_y b_
h_ppy t_ kn_w th_t_ _s_l_t_n t_ y_r pr_bl_ms_ s
c_m_ng. Sc__nt_sts h_v_ _nv_nt_d_ _s_p_r-sl_pp_ry
s_rf_c_ th_t c_n b_ p_t_ n th_ _ns_d_ _f b_ttl_s,
t_b_s, j_rs, t_ns_ _nd_ th_r c_nt_n_rs. Th_ sl_pp_ry
_ns_d_ m__ns_ _nyth_ng w_ll j_st sl_d_ _t, l_k_
w_t_r. _v_ry l_st dr_p_ f th_ngs l_k_ gl_, p__nt_ _nd
c_sm_t_cs w_ll c_m_ _t, l_v_ng th_ c_nt_n_r
t_t_lly _mpty, _nd m_k_ng y_ _h_pp_ _r _nd r_ch_r.

Sc__nt_sts fr_m th_ M_ss_ch_s_tts_ _nst_t_t_ _f
T_chn_l_gy_ _nd th_ c_m_p_ny L_q__Gl_d_ w_nt_d t_
cr__t_s_m_th_ng th_t w__ld r_d_c_w_st_ _nd s_v__s
m_n_y. Th_ t_chn_l_gy's c__nv_nt_r, Dr D_v_d Sm_th,
s__d_v_ry d_y, m_ll__ns_ f l_tr_s_ f k_tch_p, s__c_s,
p__nt, g_ls_ _nd cr__ms g_t st_ck t_ th_ s_d_s_ f
c_nt_n_rs_ _nd_ r_ thr_wn_ w_y. H_ s__d: "Th_
t_chn_l_gy h_s th_ p_t_nt__l t_s_gn_f_c_ntly r_d_c_
w_st_ _nd b_ _b_g p_rt_ f th_ z_r_-w_st_ _c_n_my."
Th_ L_q__Gl_d_ w_bs_t_s_ys: "Wh_t th_ wh__l w_s t_
tr_nsp_rt_t_n, L_q__Gl_d_ _s t_l_q__ds_ - _t ch_ng_s
th_ w_y l_q__ds m_v_...W_ w_nt t_r_v_l_t_n_z_
c_ns_m_r p_ck_g_ng, r_d_c_w_st_, _nd cr__t_
_ff_c__nc__s. W_ _r_ m_t_v_t_d t_s_v_ l_v_s_ _nd
_mpr_v_ th_ w_rld."

PUNCTUATE THE TEXT AND ADD CAPITALS

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

have you ever been angry because the tomato ketchup wouldnt come out the bottle have you ever squeezed and squeezed the toothpaste tube but the last bit wouldnt come out have you ever spent ages trying to scrape the last bits of jam from the sides of the jar if the answer to these questions is yes you may be happy to know that a solution to your problems is coming scientists have invented a super-slippery surface that can be put on the inside of bottles tubes jars tins and other containers the slippery inside means anything will just slide out like water every last drop of things like glue paint and cosmetics will come out leaving the container totally empty and making you happier and richer

scientists from the massachusetts institute of technology and the company liquiglide wanted to create something that would reduce waste and save us money the technologys co-inventor dr david smith said every day millions of litres of ketchup sauces paint gels and creams get stuck to the sides of containers and are thrown away he said "the technology has the potential to significantly reduce waste and be a big part of the zero-waste economy" the liquiglide website says "what the wheel was to transportation liquiglide is to liquids - it changes the way liquids move...we want to revolutionize consumer packaging reduce waste and create efficiencies we are motivated to save lives and improve the world"

PUT A SLASH (/) WHERE THE SPACES ARE

From <http://www.BreakingNewsEnglish.com/1702/170223-zero-waste-economy.html>

Have you ever been angry because the tomato ketchup wouldn't come out of the bottle? Have you ever squeezed and squeezed the toothpaste tube but the last bit wouldn't come out? Have you ever spent ages trying to scrape the last bit of jam from the sides of the jar? If the answer to these questions is 'yes,' you may be happy to know that a solution to your problems is coming. Scientists have invented a super-slippery surface that can be put on the inside of bottles, tubes, jars, tins and other containers. The slippery inside means anything will just slide out, like water. Every last drop of things like glue, paint and cosmetics will come out, leaving the container totally empty, and making you happier and richer. Scientists from the Massachusetts Institute of Technology and the company LiquiGlide wanted to create something that would reduce waste and save us money. The technology's co-inventor, Dr David Smith, said every day, millions of litres of ketchup, sauces, paint, gels and creams get stuck to the sides of containers and are thrown away. He said: "The technology has the potential to significantly reduce waste and be a big part of the zero-waste economy." The LiquiGlide website says: "What the wheel was to transportation, LiquiGlide is to liquids - it changes the way liquids move... We want to revolutionize consumer packaging, reduce waste, and create efficiencies. We are motivated to save lives and improve the world."

HOMework

1. VOCABULARY EXTENSION: Choose several of the words from the text. Use a dictionary or Google's search field (or another search engine) to build up more associations / collocations of each word.

2. INTERNET: Search the Internet and find out more about the company LiquiGlide. Share what you discover with your partner(s) in the next lesson.

3. WASTE: Make a poster about waste. Show your work to your classmates in the next lesson. Did you all have similar things?

4. ZERO WASTE: Write a magazine article about zero waste in our life. Include imaginary interviews with people who are for and against it.

Read what you wrote to your classmates in the next lesson. Write down any new words and expressions you hear from your partner(s).

5. WHAT HAPPENED NEXT? Write a newspaper article about the next stage in this news story. Read what you wrote to your classmates in the next lesson. Give each other feedback on your articles.

6. LETTER: Write a letter to an expert on waste. Ask him/her three questions about it. Give him/her three of your ideas on how we can reach zero waste. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

ANSWERS

TRUE / FALSE (p.4)

a T b F c T d T e F f F g T h F

SYNONYM MATCH (p.4)

- | | |
|--------------|----------------|
| 1. angry | a. irritated |
| 2. ages | b. a long time |
| 3. happy | c. pleased |
| 4. just | d. simply |
| 5. totally | e. completely |
| 6. create | f. produce |
| 7. reduce | g. cut |
| 8. potential | h. possibility |
| 9. packaging | i. wrapping |
| 10. improve | j. help |

COMPREHENSION QUESTIONS (p.8)

1. A toothpaste tube
2. Jam
3. A solution
4. Water
5. Happier
6. Money
7. A co-inventor of the surface
8. The wheel
9. The way they move
10. The world

MULTIPLE CHOICE - QUIZ (p.9)

1. a 2. c 3. b 4. d 5. a 6. d 7. b 8. d 9. c 10. b

ALL OTHER EXERCISES

Please check for yourself by looking at the Article on page 2.
(It's good for your English ;-)