

## Refrigeration - ‘Sparky Dryer’ and ‘Cold Hubs’ mean cold food in hot sun

### 1 New words for this article

*Nouveaux mots pour cet article*

food waste	food that you can't eat because it is bad.
to keep fresh	to continue to be fresh
harvest	collect food on the farm when it is ready to eat.
refrigeration –	make food cold electronically.
solar power cells –	sun power not electric power
crate – a large box for food (or other things)	a large box for food (or other things)
flat fee –	one small price
to store	to put in a place where you can find it
to dehydrate	to make something dry
To burn	Make a fire and light it

### 2 Comprehension Questions

*Questions de compréhension en lecture*

1. What power do ‘Cold Hubs’ and ‘Sparky Dryers’ use?
2. How much fresh food becomes waste in Africa?
3. How many people need fresh food but don't have it?
4. How long is food fresh in a ‘cold hub’?
5. How much electricity does a cold hub use?

### 3 Speaking activities - Activités orales

*Pratiquez vos compétences orales - répétez ces phrases.*

- 1 Fifty percent
- 2 Three hundred million
- 3 a kilowatt
- 4 twenty-one days

### 4 Speaking activities - Activités orales

*Exercez-vous à parler - répondez à ces questions en anglais:*

- 1 What kind of energy do cold hubs and sparky dryers use?
- 2 What does a cold hub do?
- 3 What does a sparky dryer do?
- 4 What is their advantage for Africa?

### 5 Match the sentences (A-D) and (E-H) –

*Faire correspondre les phrases (A-D) et (E-H).*

- |   |   |
|---|---|
| A | Food waste is                             |
| B | if there isn't any sun                    |
| C | Uganda has more refugees                  |
| D | It uses the sun, water and air            |
| E | than any country in Africa.               |
| F | to make electricity                       |
| G | a big problem in Africa                   |
| H | the ‘Cold Hub’ can operate for three days |

### 6 True or False? - Vrai ou Faux?

- 1 The ‘cold hub’ makes food dry.
- 2 The ‘cold hub’ is expensive.
- 3 The ‘sparky dryer’ has zero carbon emissions.
- 4 Kenya has more refugees than any other country in Africa.
- 5 Uganda produces more food than it eats.

### 7 Fill in the gap - Remplir le vide

- 1 Farmers in Africa \_\_\_\_\_ food but 50% goes bad.
- 2 They get electricity from solar power \_\_\_\_\_
- 3 Farmers put your \_\_\_\_\_ of fresh food in ‘cold hubs’.
- 4 Farmers put their harvest in the ‘cold hubs’ and they pay a \_\_\_\_\_ per day for each crate of food
- 5 ‘Sparky Dryer’ can also \_\_\_\_\_ cereals like maize and sorghum.

## Answers –

### 2 Comprehension questions

*Questions de compréhension en lecture*

- 1 solar power/ solar energy
- 2 50%
- 3 About 300 million
- 4 21 days
- 5 1 kilowatt

### 4 Speaking activities - Activités orales

- 1 They use solar energy. They use solar power
- 2 A 'cold hub' keeps food fresh.
- 3 It dries food.
- 4 They keep food fresh and dry and they are cheap.

### 5 Match the sentences (A-D) and (E-H) –

*Faire correspondre les phrases (A-D) et (E-H).*

- A=G
- B=H
- C=E
- D=F

### 6 True or False? - Vrai ou Faux?

- 1 False (It keeps it fresh.)
- 2 False (It is cheap)
- 3 True
- 4 False (Uganda has more refugees than any other country in Africa.)
- 5 True

### 7 Fill in the gap – Remplir le vide

- 1 harvest
- 2 cells
- 3 crates
- 4 flat fee
- 5 dry