# VISUALIZE WITH ME...

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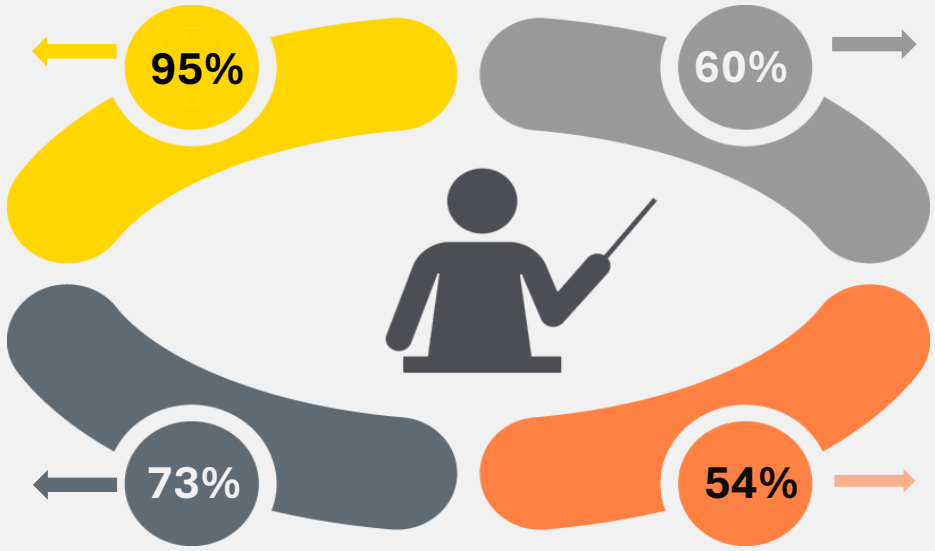
# Digital Divide in the USA has Narrowed

Teachers
**using technology in the classroom**




Teachers
**using video streaming services** (such as YouTube) **in the classroom**

Teachers
**say digital creation tools are effective for engaging students to learn.**
(only used by 25 percent of teachers)

**Elementary and middle school** grades are the biggest beneficiary.

Teachers
**Using productivity and presentation tools** (like Microsoft Office and Google G Suite for Education)

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# Realities of the Digital Divide Elsewhere

Over **2.6 billion people**, or 34% of the world's population, have ***NEVER*** **been online**

Over **3 billion people do not have access to the Internet**, and if they did, it is neither reliable or affordable

Over **263 million students,** 25% of them pre-adolescent, **are not attending any type of education**

Over **2 billion people worldwide, 600m alone in Africa, have no access to power** as we know it

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# Past efforts ATTEMPTED to meet the need

- **Laptop for Every Child** - Nicholas Negroponte, $100 computer for all
- **Free Internet for Everyone -** Facebook/Meta, Free Internet for all

**LearningSpots can deliver today because**

- content creation tools exist
- specialized multi-purpose hardware exists
- satellite with affordable return connectivity exists
- affordable smart devices exist

**…there is a shared mission**

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# LearningSpots FILLS THE NEED

**Shared Mission:**

Enabling the flow of large volumes of digitized educational content to students living in the **remotest areas of the world… without they requiring an Internet connection**…

…to students located where **connections are non-existent, inadequate or unaffordable.**

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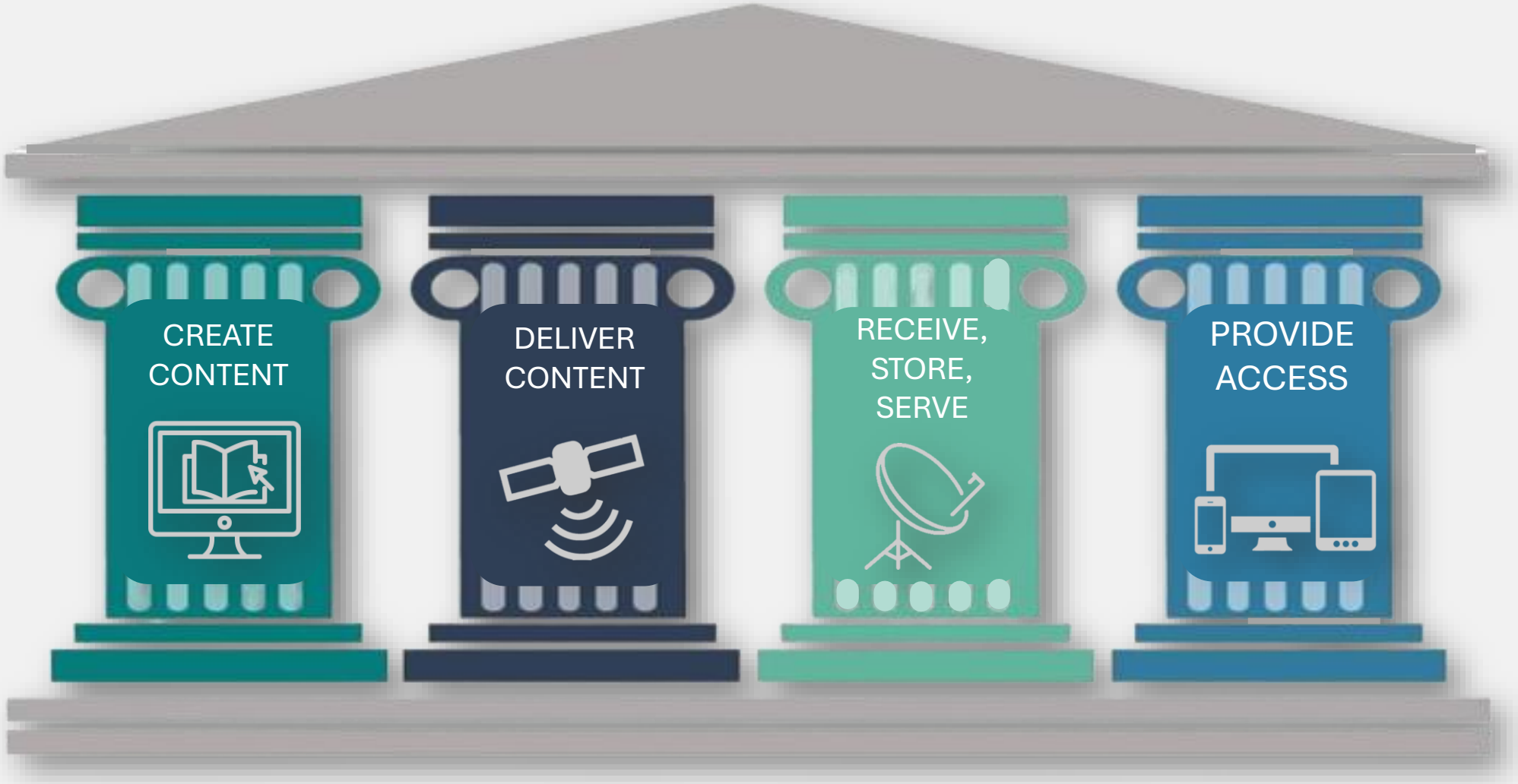
# The ‘Four Pillars’ of LearningSpots




**So, how does it work?**

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# LearningSpots ...Some Internet Access

1 Content

Curriki

**Create** Once, Publish Online or to Learning Spots

2 CMS/GMS

NOOVO

**Manage** the Content by Learning Spots

3 Teleport

Quadrille

**Transport** the Content to Learning Spots

eutelsat

(SEE NOTE)

4

Receive Location

NOOVO

5

**Receive, Store, Render, Stream, and Provide Access** to Content

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LearningSpots Created Wi-Fi Network

6

Student Smart Devices

Live

On-Demand

Download/Off-Line

Chat/Interact

User Connects via LearningSpots Wi-Fi Locally to Access Content via Device

7

An Internet Connection (Wireless, 3G/4G, WISP, Fixed) of **130kbps** or higher for user authentication, and collection of user engagement data, chat, etc.

8

Internet

*NOTE: We have working relationships with Eutelsat, but, the actual satellite used can be ANY satellite having KU band capacity and serving the right target geographic region*

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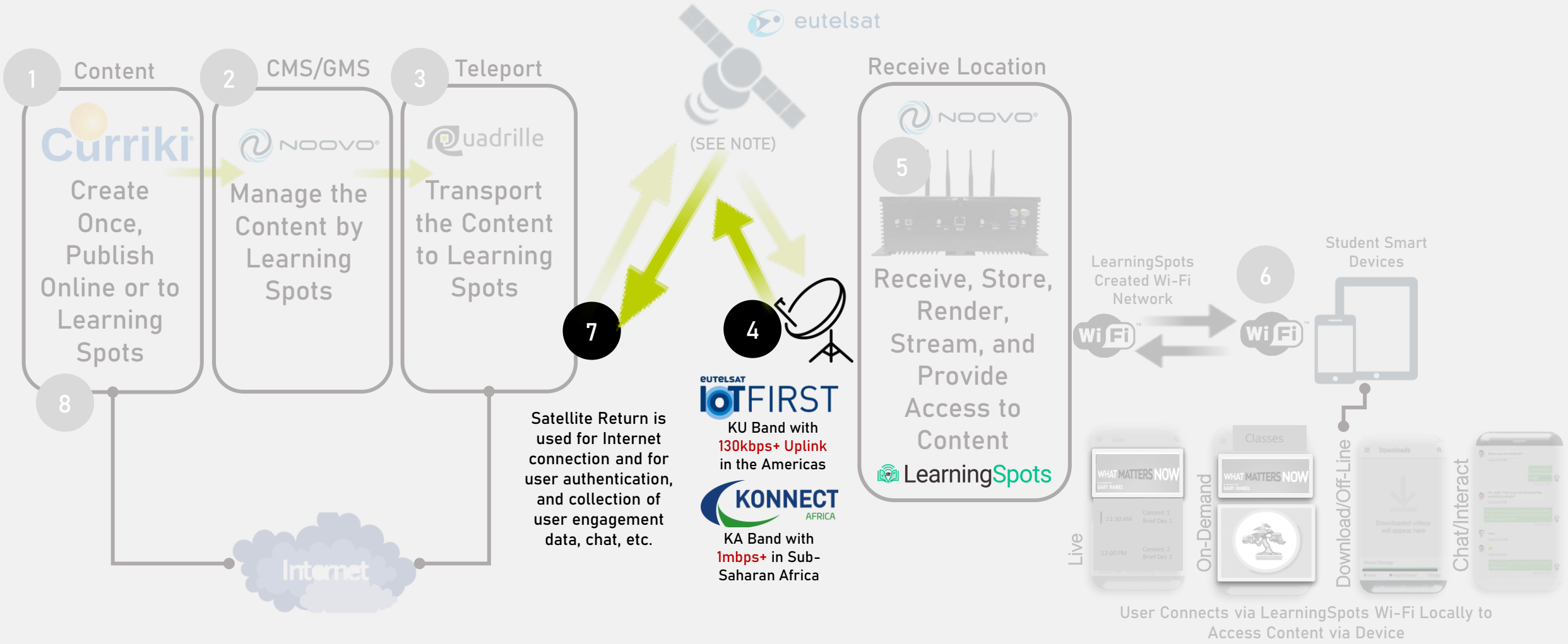
# LearningSpots... Anywhere

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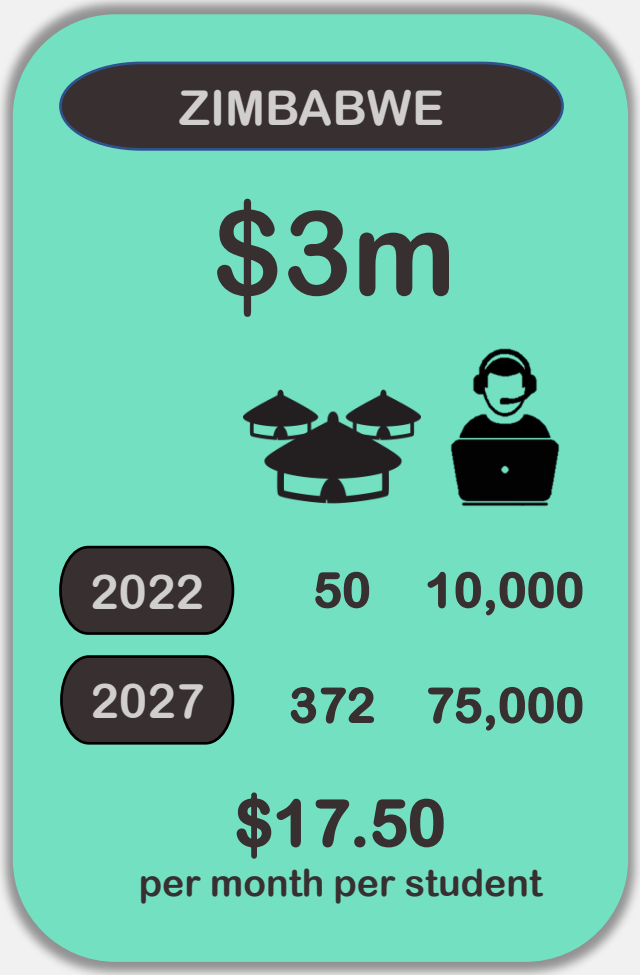
# “Let’s Enable Villages”…

## Where? Zimbabwe

- Population
  - **Nationally** 15.2m, **5.6m are kids***, and **3.5m are remote**
- No Power
  - **Nationally** 8.9m**, 3.2m are kids,** and **2m are remote**
- No Access to Internet
  - **Nationally** 10.6m, **3.9m are kids,** and **2.4m are remote**
- No Access to Schools
  - **Nationally 4.8m kids,** and **2.9m are remote**

* *Kids defined as Students Age of 5-18*




## Impact in Zimbabwe?

- In **6-8 months - 50** LearningSpots and **10,000** students
- **Off-grid solar powered** with battery back-up for the LearningSpots
- Business Model of $17.50 per month per student is **self-sustaining** and allows LearningSpots to grow more villages and enable more students, including a new laptop every 2 years
- In **5 years – 372** LearningSpots and **75,000** students

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# Let's Make an Impact!

**LearningSpots can deliver** an 'Internet-like online education experience' to a child that

- lives anywhere
- doesn't have power
- doesn't have access to the Internet
- doesn't have access to a nearby school
- and is financially challenged

## Let's Partner

- Education Content Creator
- Technologists
- EdTech Providers
- Departments of Education
- Grant Writers
- Philanthropists

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# Thank You

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