THE
ARCHITECT
APPRENTICE

pia

INDUSTRY REPRESENTATIVES

OF THE

THE ARCHITECT APPRENTICE TEAM

GERD BOLT (STUDIO BOLT) (PRES. OF PIA)

DR. GERALD STEYN (TUT)

CAMILO MOGNI (ST NUBIAN ARCHITECTS)

IAN ALEXANDER (IAN ALEXANDER ARCHITECTS NETWORK)

JEREMY MALAN (JEREMY MALAN ARCHITECTS)

HELGA FERNANDES (MASTERS STUDENT)

DEWAR VAN ANTWERPEN (BOOGERTMAN+PARTNERS)
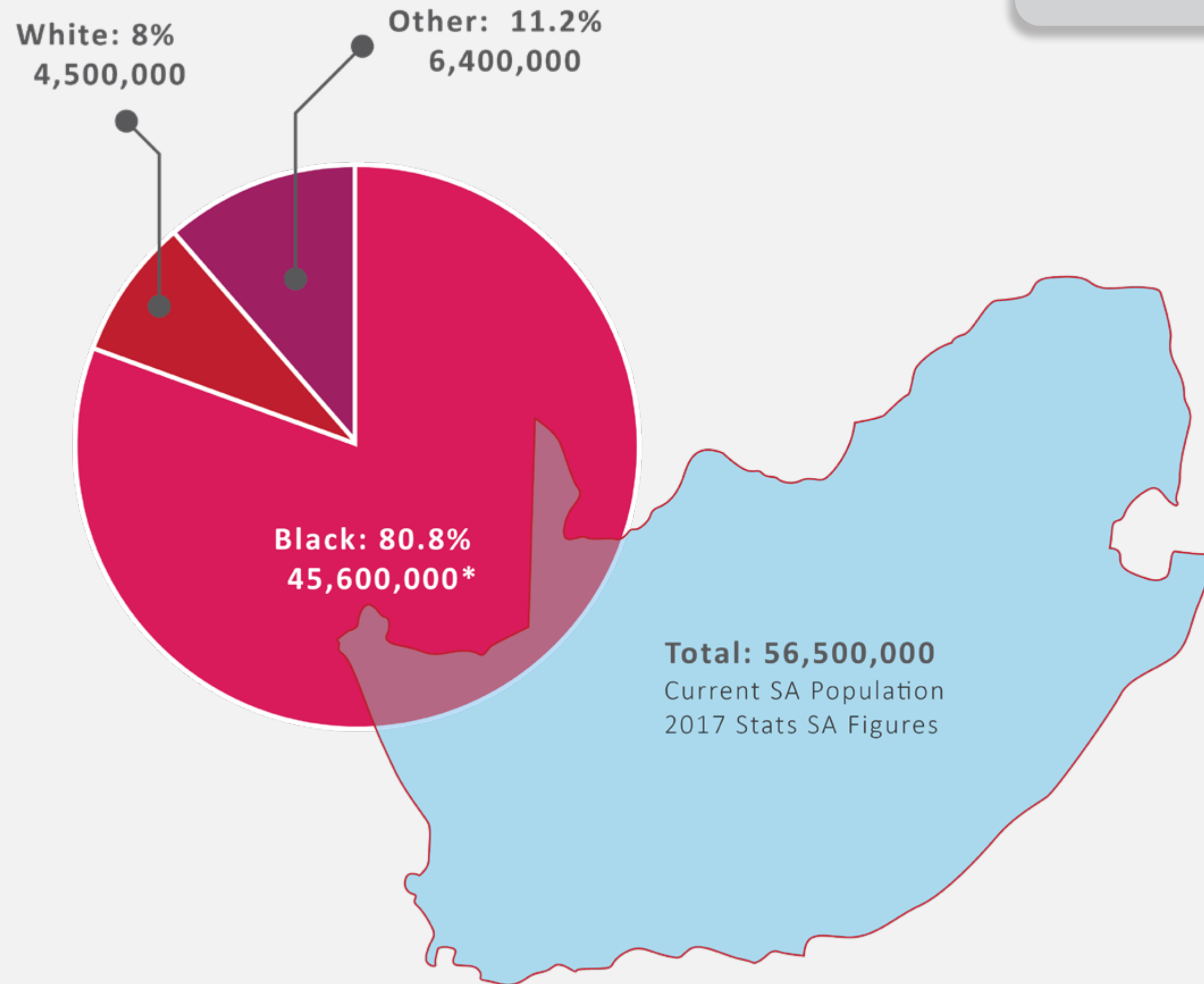
MARLENE KRAUSE (BOOGERTMAN+PARTNERS)

THE SOUTH AFRICAN INSTITUTE OF ARCHITECTS ∘ SAIA ∘

pia

+ Boogertman Partners

A STARZ LIMITED SERIES

THE MISSING

White: 8%
4,500,000

Other: 11.2%
6,400,000

Black: 80.8%
45,600,000*

Total: 56,500,000
Current SA Population
2017 Stats SA Figures

* https://www.statssa.gov.za/publications/P0302/P03022017.pdf

Asian: 7,5%
533

Colored: 4,7%
339

Black: 11,2%
795

White: 76,4%
5409

SACAP
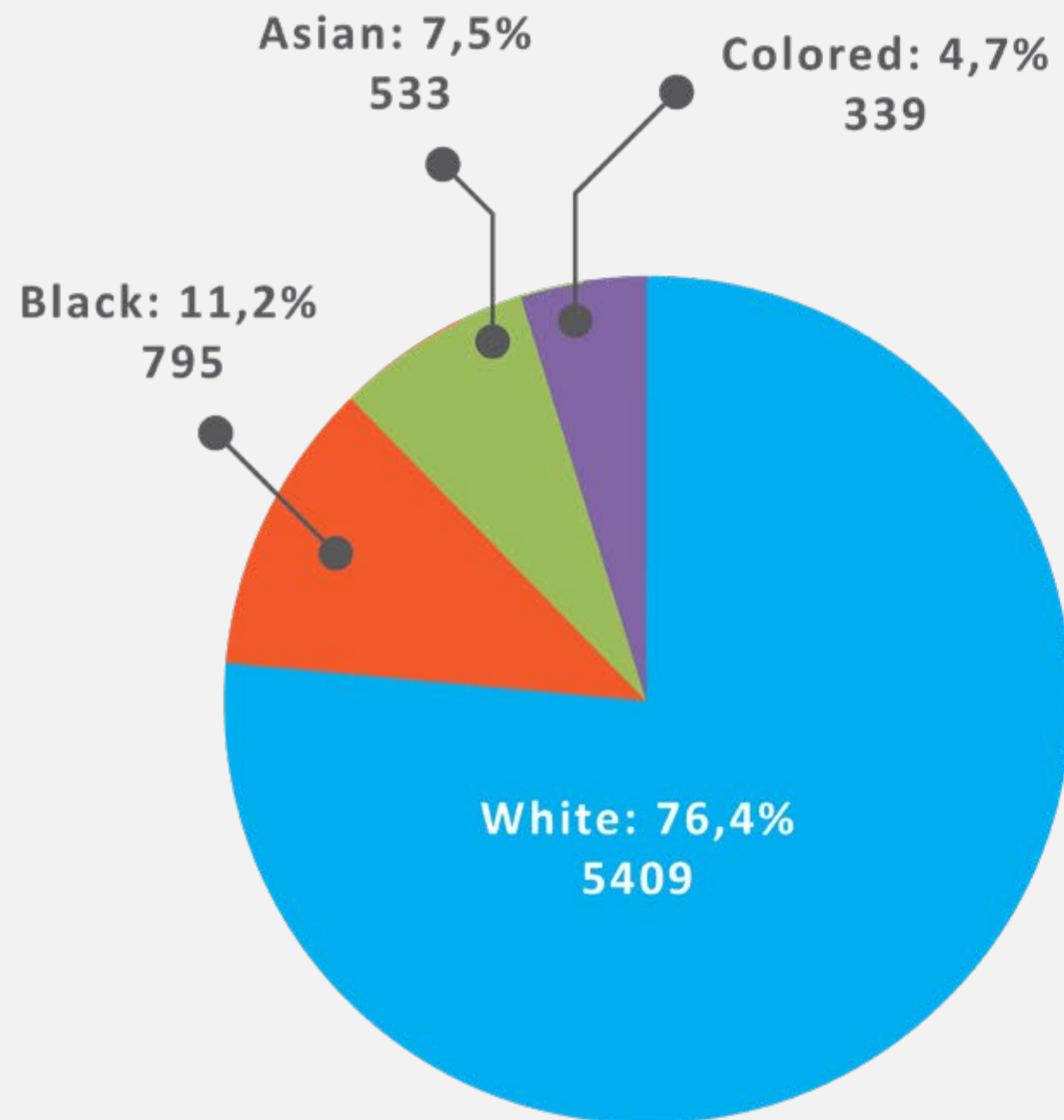
CURRENT
TOTAL DEGREES + PPE

Prof. Architects
Senior Arch. Technologists
Prof Arch. Technologists

= 7076

CURRENT RATIO

1:+- 8000

NUMBER OF PROF. ARCHITECTS TO POPULATION

* SACAP Statistical Report / 25/08/2018/ns

" 1000 submit... but 65 are chosen"

IN A TOTAL POPULATION OF **56 000 000**...

IF THE VOLITION & PROPENSITY OF A WHITE POPULATION OF

4,500 000 IS TO ELICIT

5409 REGISTERED PROF. ARCHITECTS

WHAT IS THE VOLITION & PROPENSITY

OF A BLACK POPULATION OF

45,600 000

?

THE MISSING

25 685

BLACK ARCHITECTS
IN SOUTH AFRICA
?

HOW DOES THIS TALK TO THE
NEED TO ACCELERATE
TRANSFORMATION

$$\frac{6281 \text{ (W+A+C)}}{10,9 \text{ MIL}} = \frac{X \text{ (B)}}{45,6 \text{ MIL}}$$

X (B) = 26 480

- 795 (Exist Black)

= 25 685

25 685 (B) + 6 281 (W+A+C)

= 31 966 (TOTAL)

7 076 : 56 500 000

= +- 1:8 000

31 966 : 56 500 000

= +- 1:1 800

COUNTRY	ARCHITECT RATIO	CONSTR CONTRIBUTION TO GDP
CHINA	1:40 000	-
USA	1:300	$ 666.9 BILLION
UK	1:1880	$ 36 250 361 870.00
MEXICO	1:724	$ 67 167 457 477.00
SPAIN	1:906	$ 18 933 073 276.00
EU	1:1000	-
ITALY	1:414	-
DENMARK	1:775	-
AUSTRALIA	1:2000	$ 23 696 829 317.00
TURKEY	1:1840	$ 4 490 519 204.00
BRAZIL	1:2500	$ 3 658 951 584.00
CHILE	1:667	$ 3 477 155 422.00
ARGENTINA	1:543	$ 758 614 201.00
SOUTH AFRICA	???	$ 7 585 023 146.00

IF NOT	1 : 1 800
BUT	1 : 2 700
MISSING =	20 000

https://www.archdaily.com
https://tradingeconomics.com/

YEAR	BLACK REPRESENTATION	TOTAL	% of PDI
2016	587	1600	37%
2015	530	1534	35%
2014	442	1460	30%
2013	398	1477	27%
2012	384	1487	26%
2011	348	1484	23%
2010	377	1410	27%
2009	712	1239	57%
2008	645	1175	54%
2007	633	1055	60%
2006	549	1560	35%
2005	549	1402	32%
2004	571	1515	37%
2003	677	1633	41%
2002	280	1087	26%
14 YEARS =	7334	BLACK ARCHITECTURAL GRADUATES	
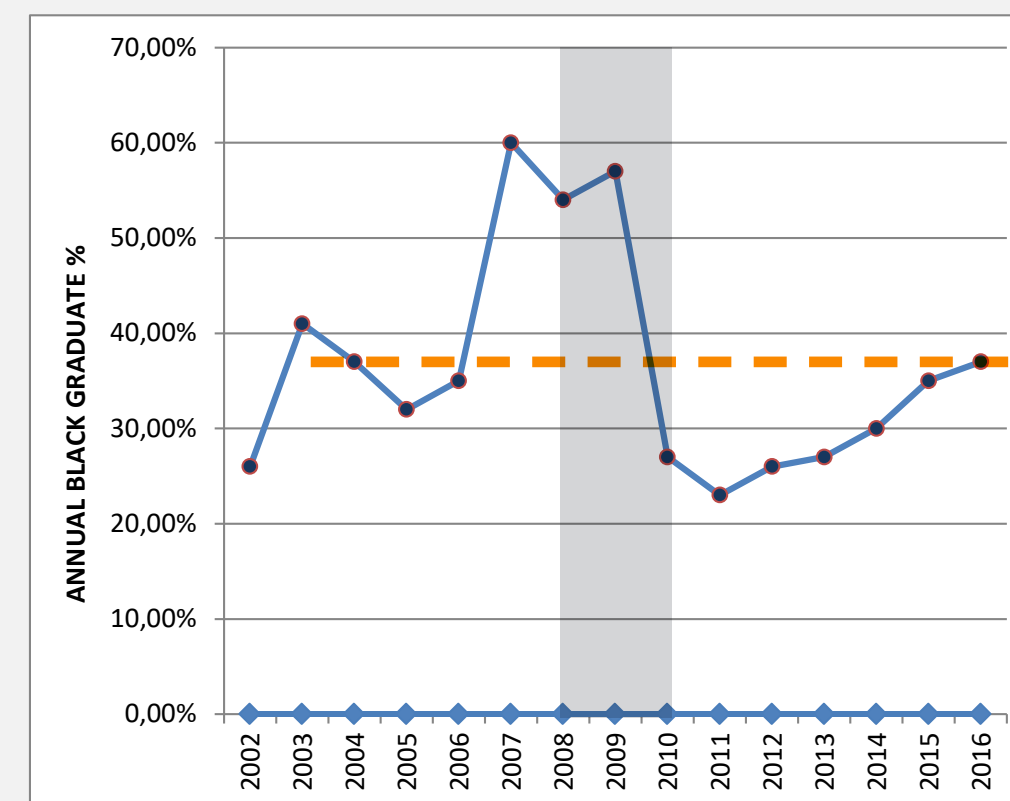
% GROWTH FROM ALL HEI'S
(2011 - 2016 approx. 3% / annum)

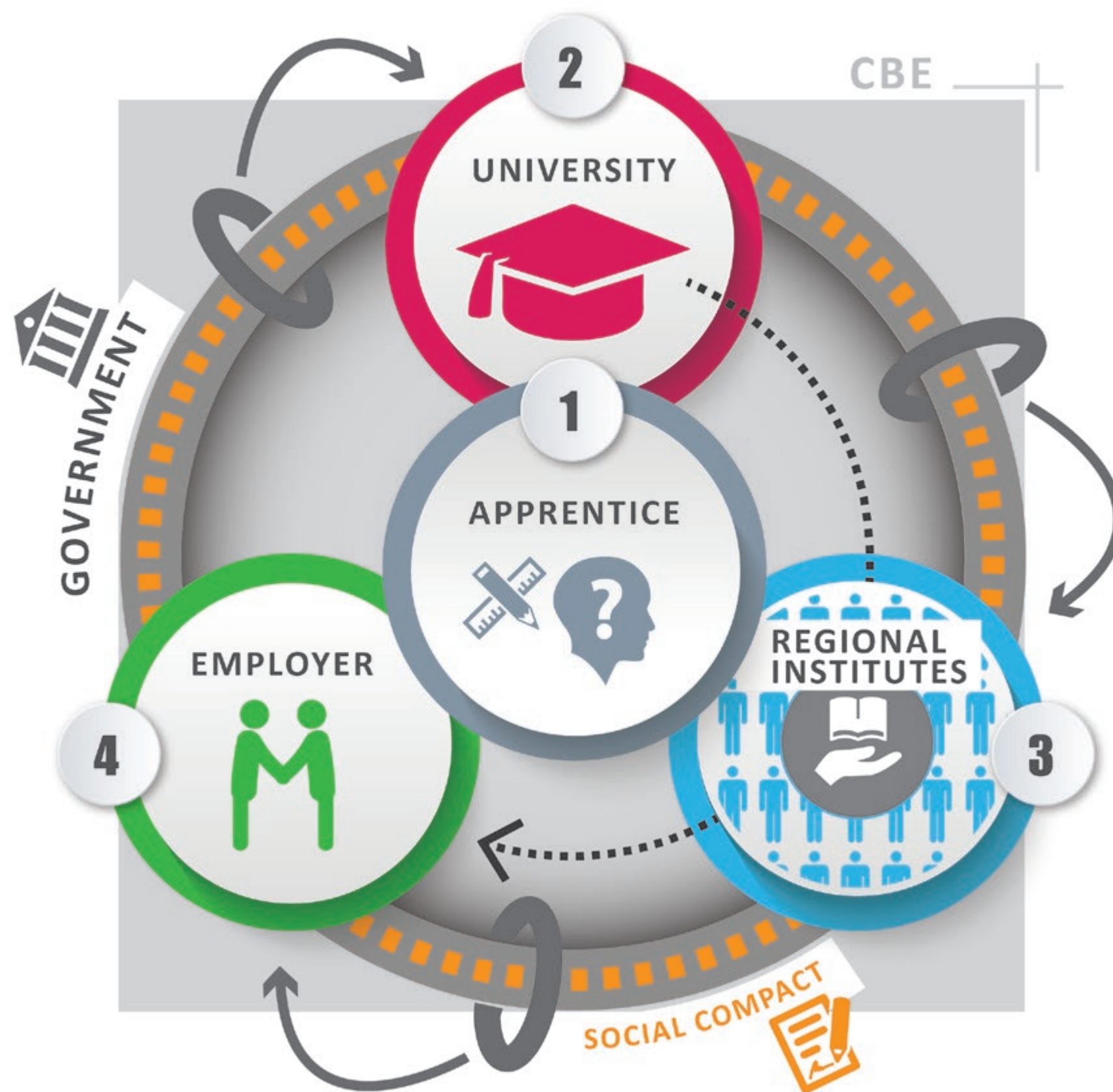$$\frac{795 \text{ REG. PROF ARCH'S (PPE)}}{7334 \text{ BLACK ARCHITECT GRADUATES}} = 10\%$$

SUMMARY:

At current rate it will take +-42 years to create
25 685 black architect graduates but still only
2 568 will become registered professional architects

Architectural Graduates 2002-2016 Dept Education. (HEMIS database 2018/09/19)

THE
PLAYERS
&
PROPOSAL

THE APPRENTICE ARCHITECT

- **South African Citizen**

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- **A choice of Architectural study routes**

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- Enrolment per demographic representation

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- Same CETA contributes R 3 584.00/month to each Apprentice Salary

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REGIONAL ARCHITECTURAL INSTITUTE

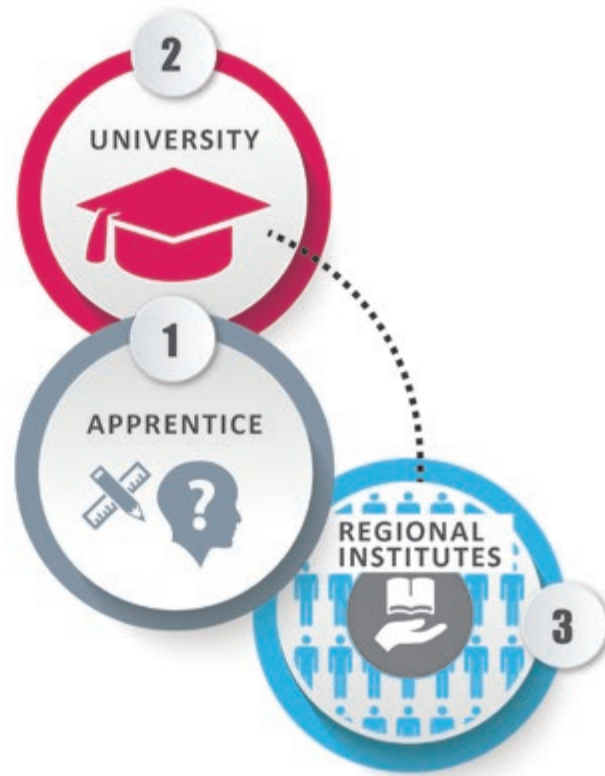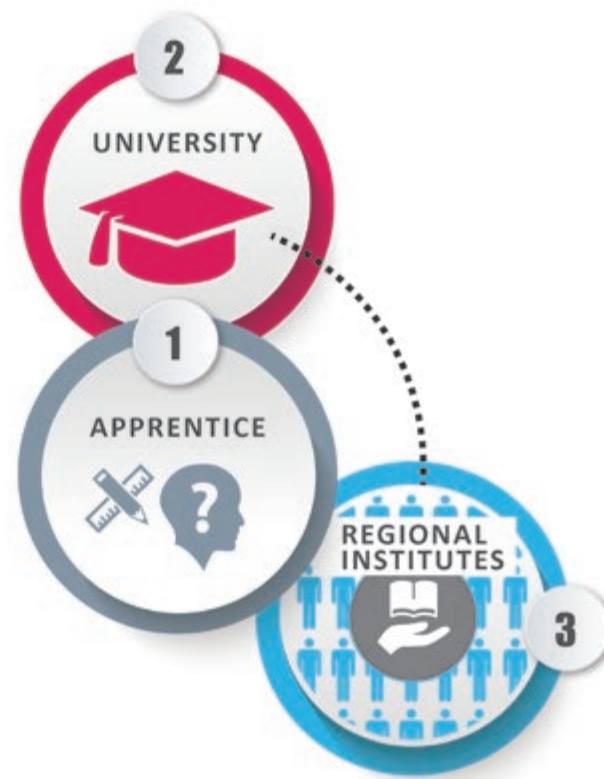- **Register a NPC – Non Profit Corporation Training Company within.**
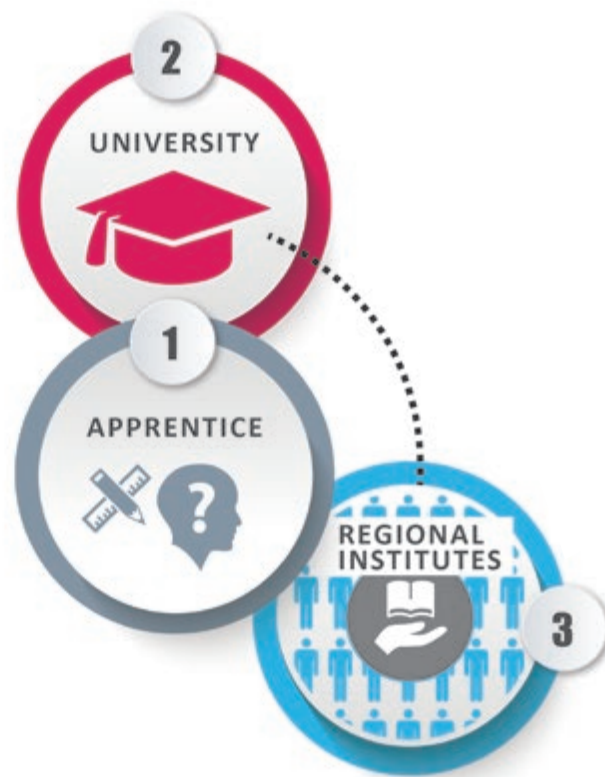
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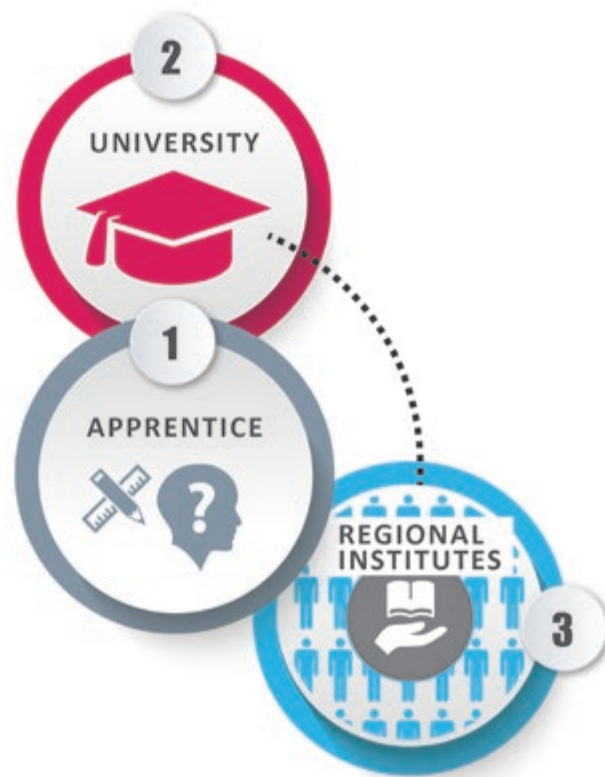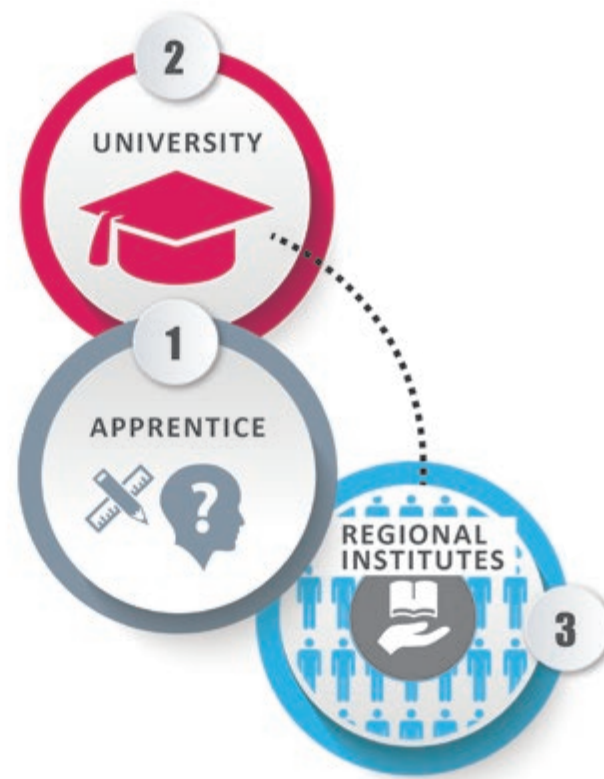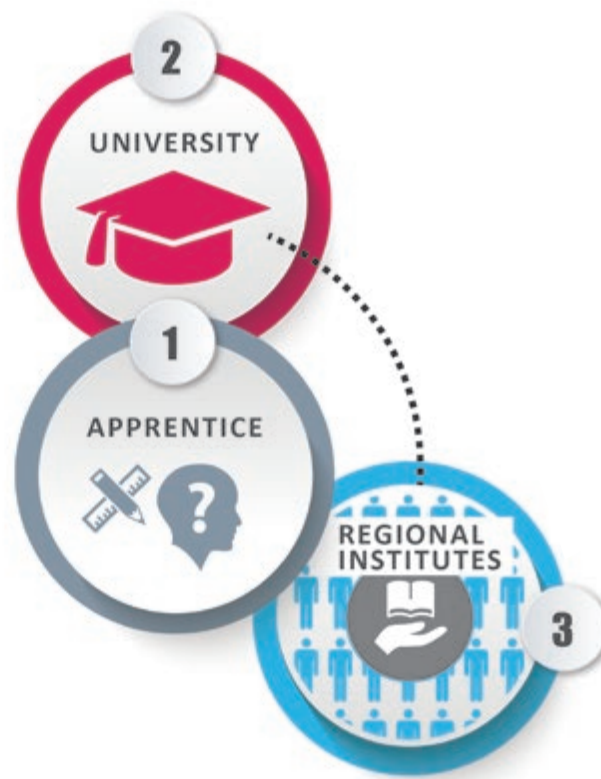
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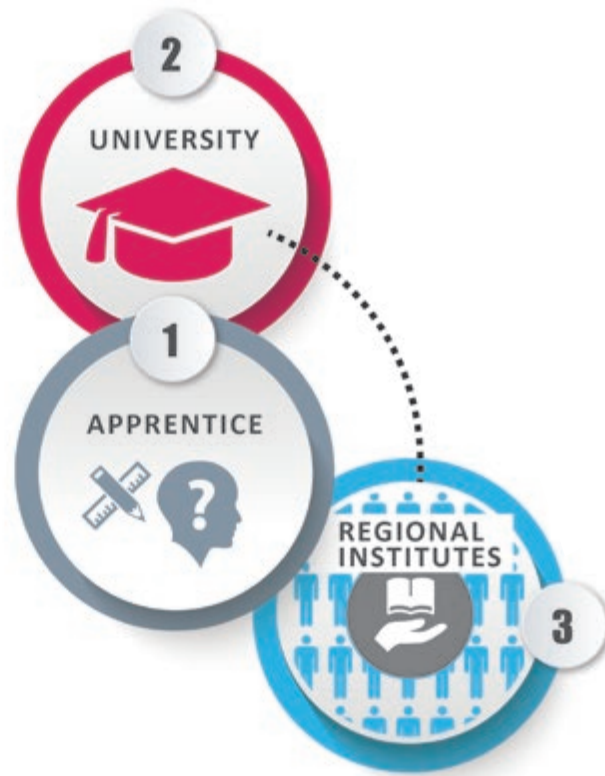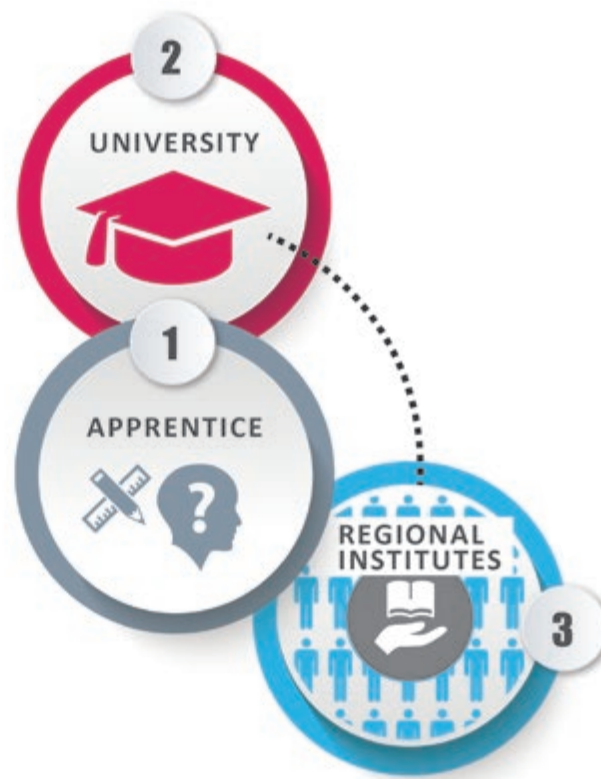
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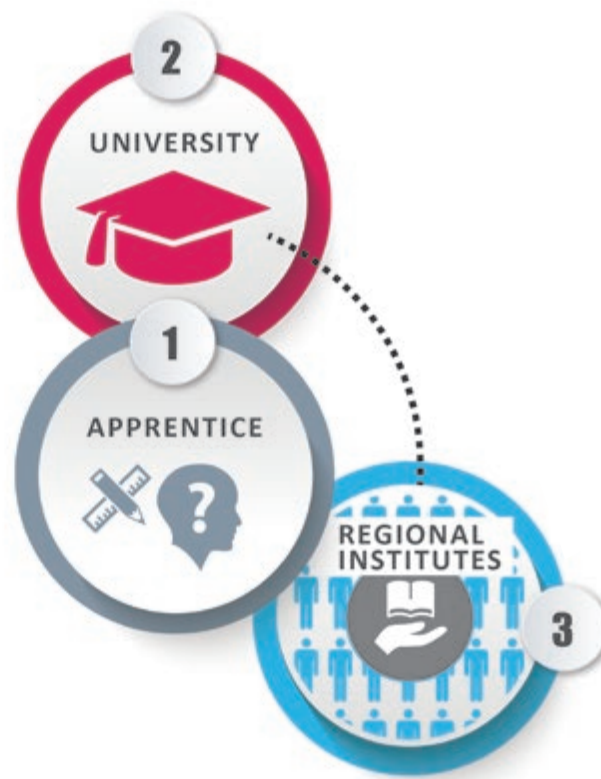## REGIONAL ARCHITECTURAL INSTITUTE

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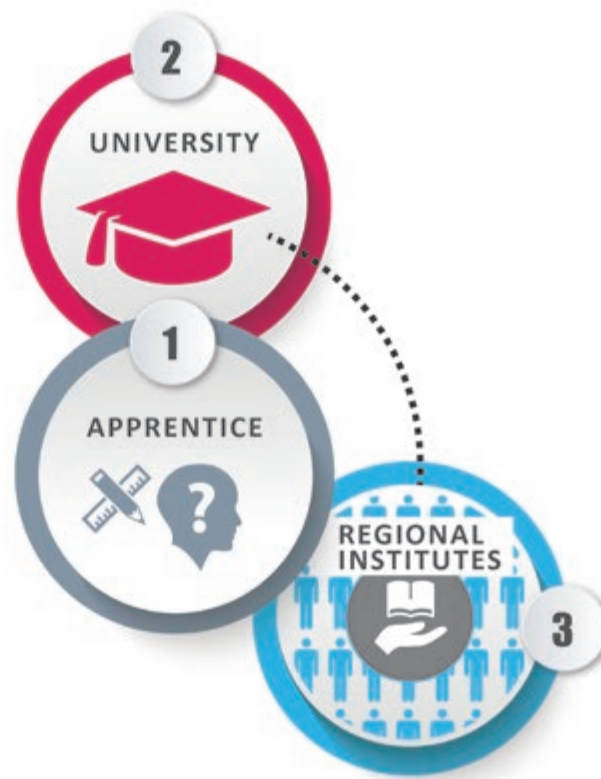
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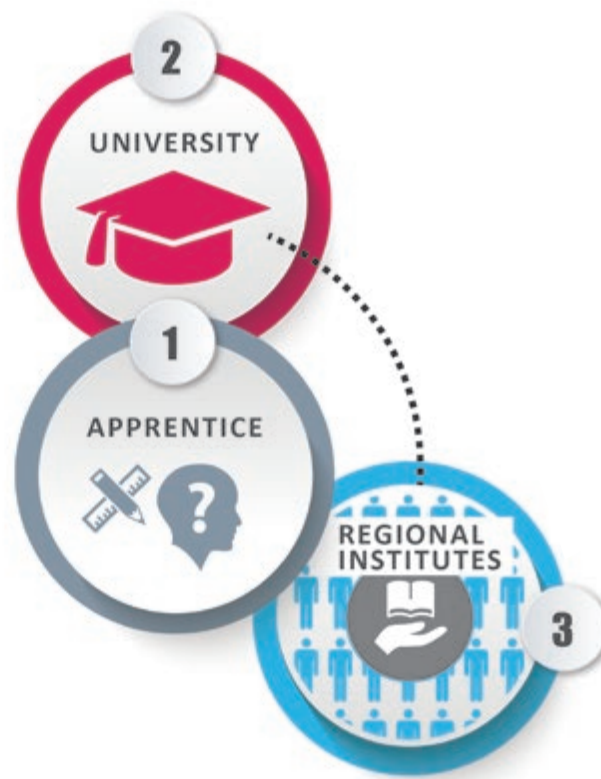
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- Places students into Regional Institute 'Accredited' members Office

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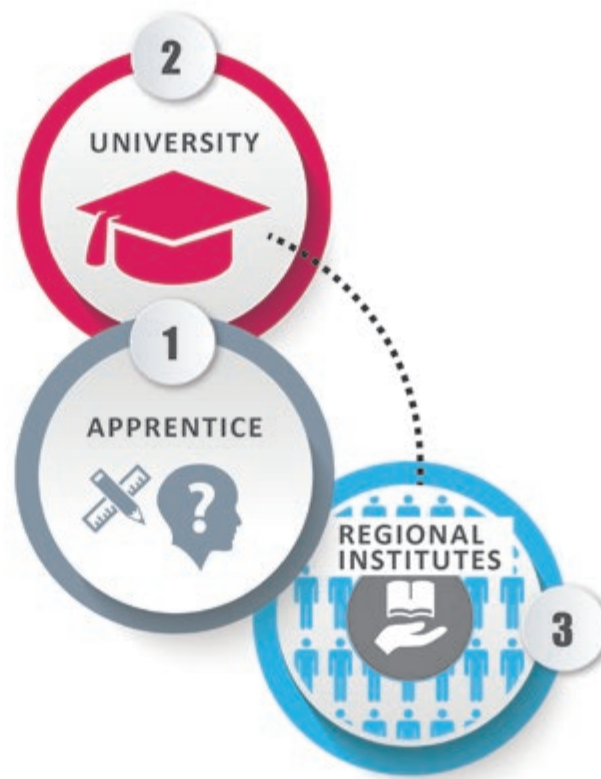
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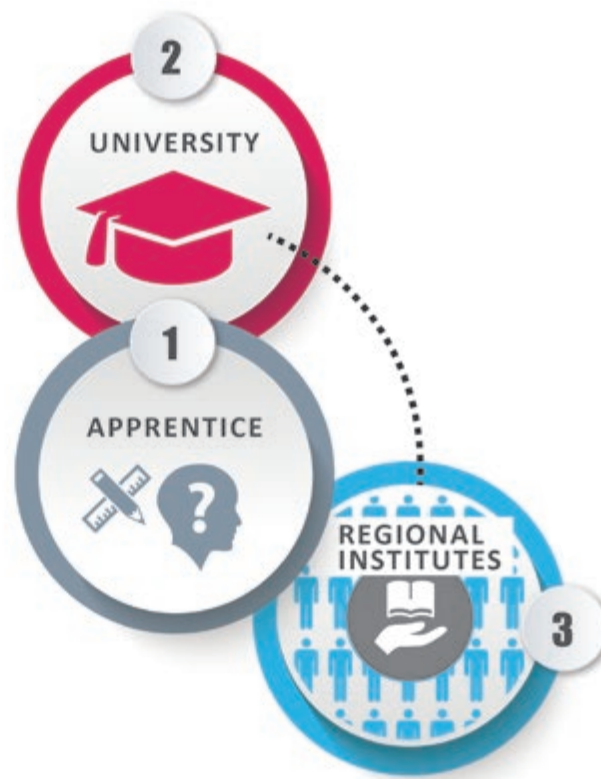## REGIONAL ARCHITECTURAL INSTITUTE

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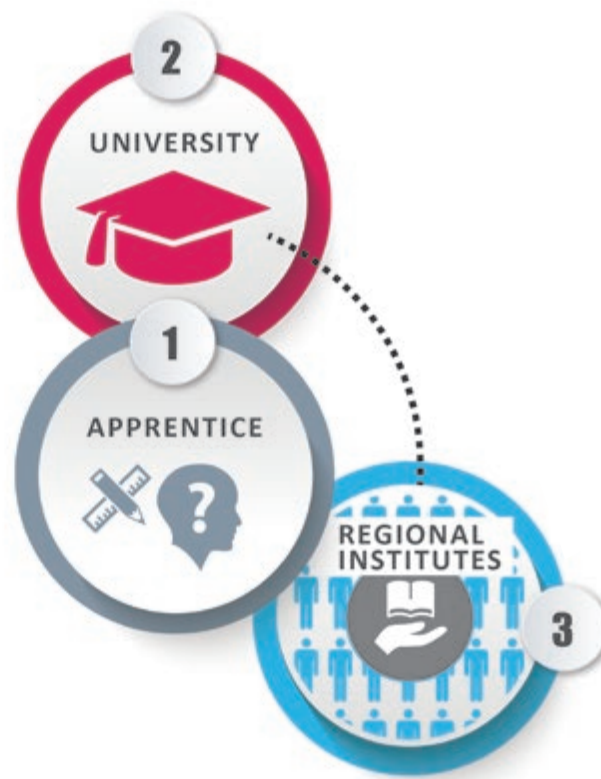## REGIONAL ARCHITECTURAL INSTITUTE

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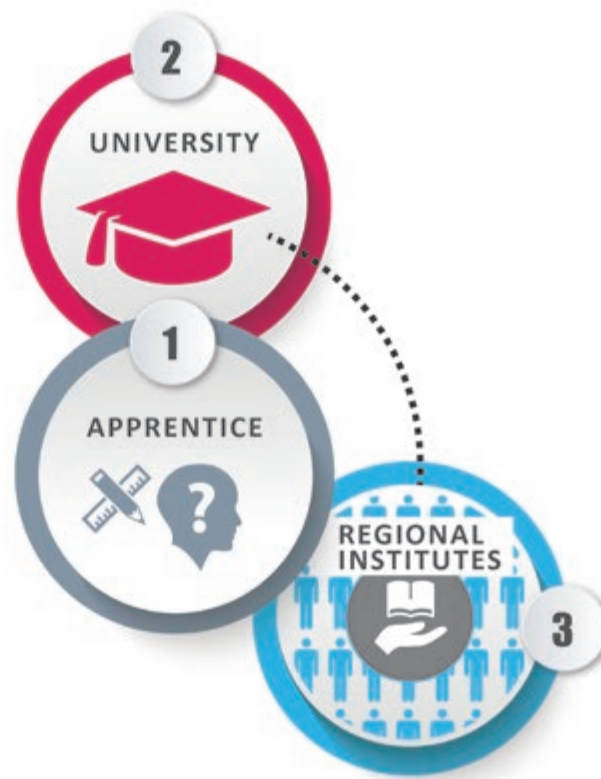## REGIONAL ARCHITECTURAL INSTITUTE

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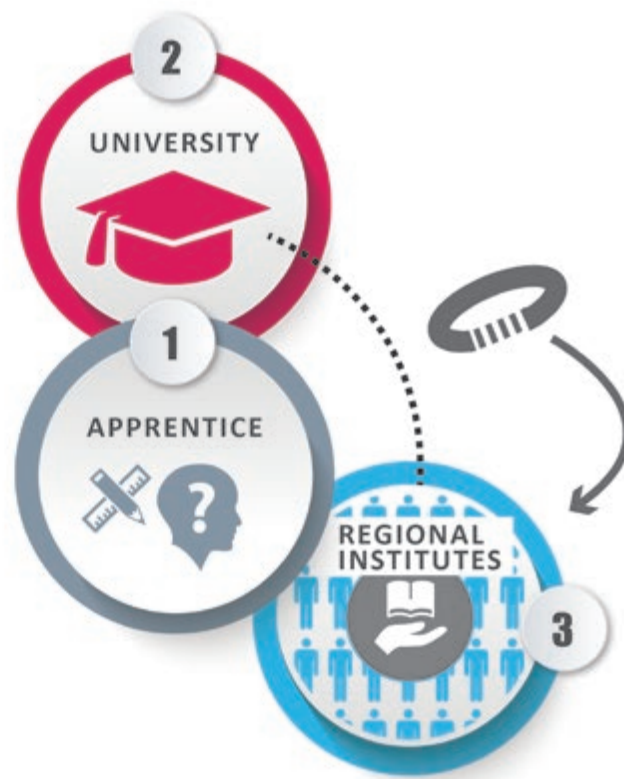
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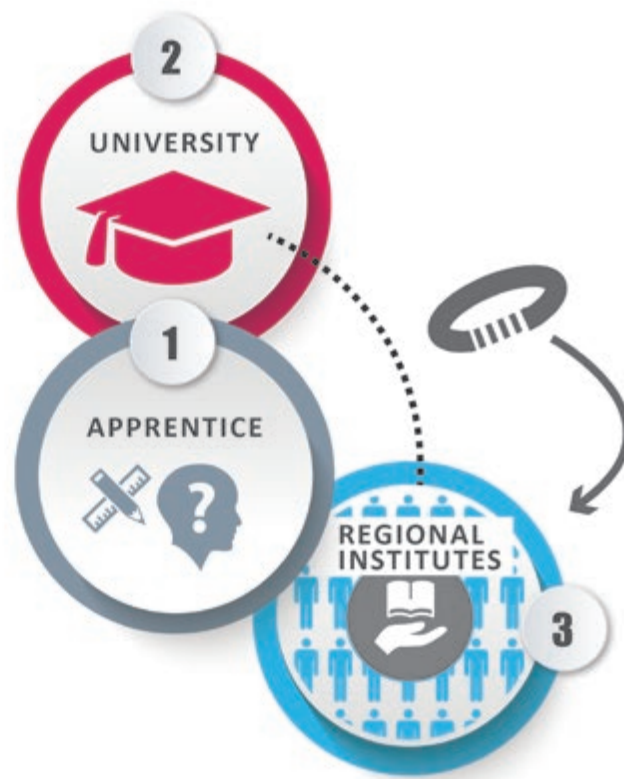
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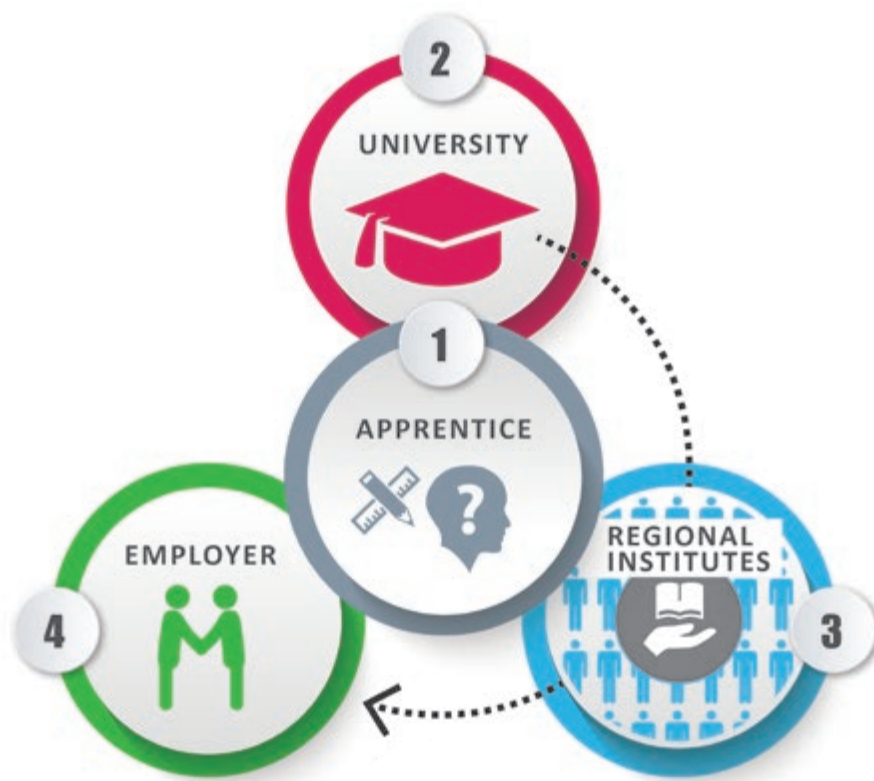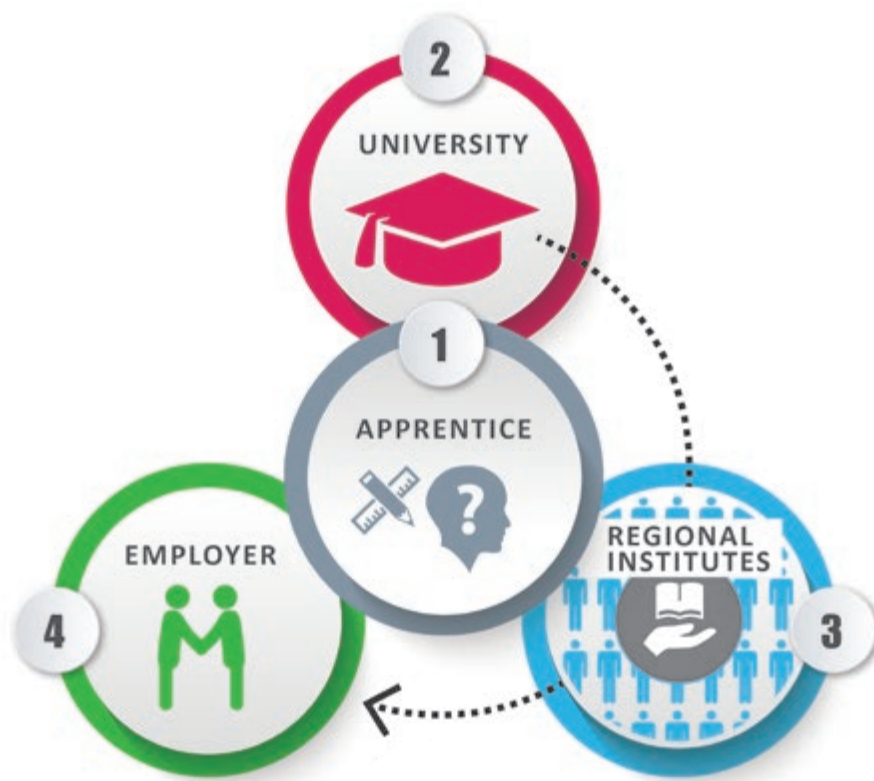- **It takes a village to raise a child, . . . a Practice to raise an Architect.**

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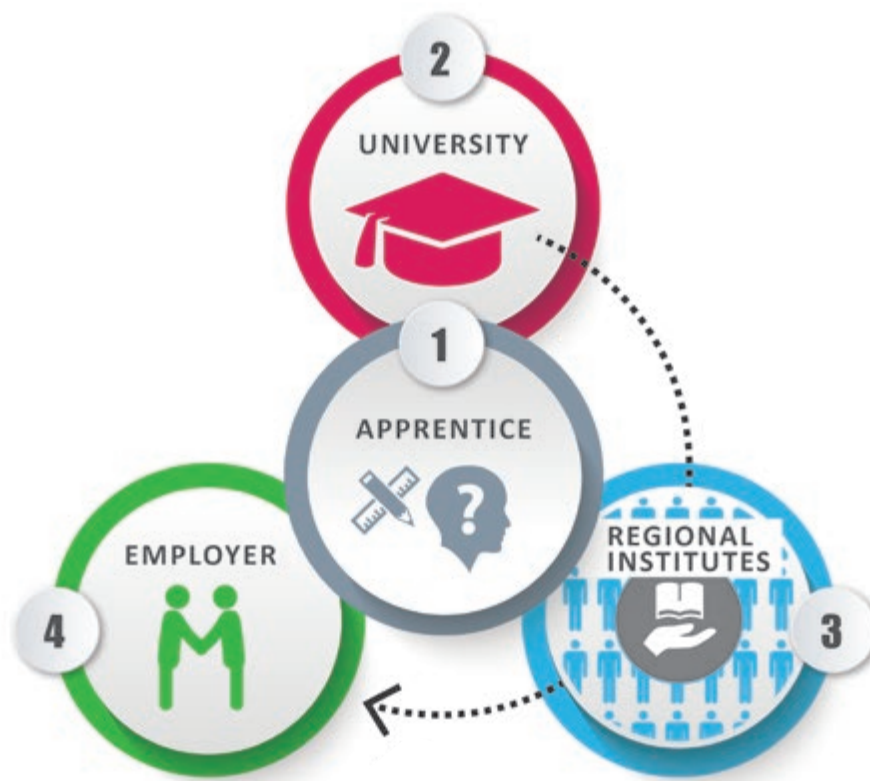- Addresses Youth Unemployment simultaneously
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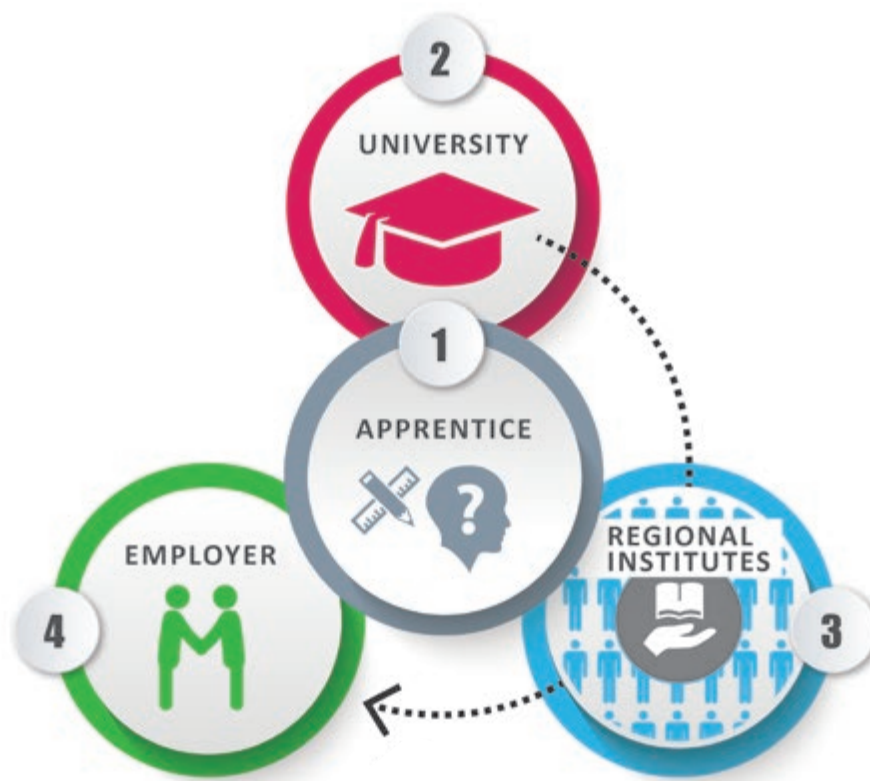
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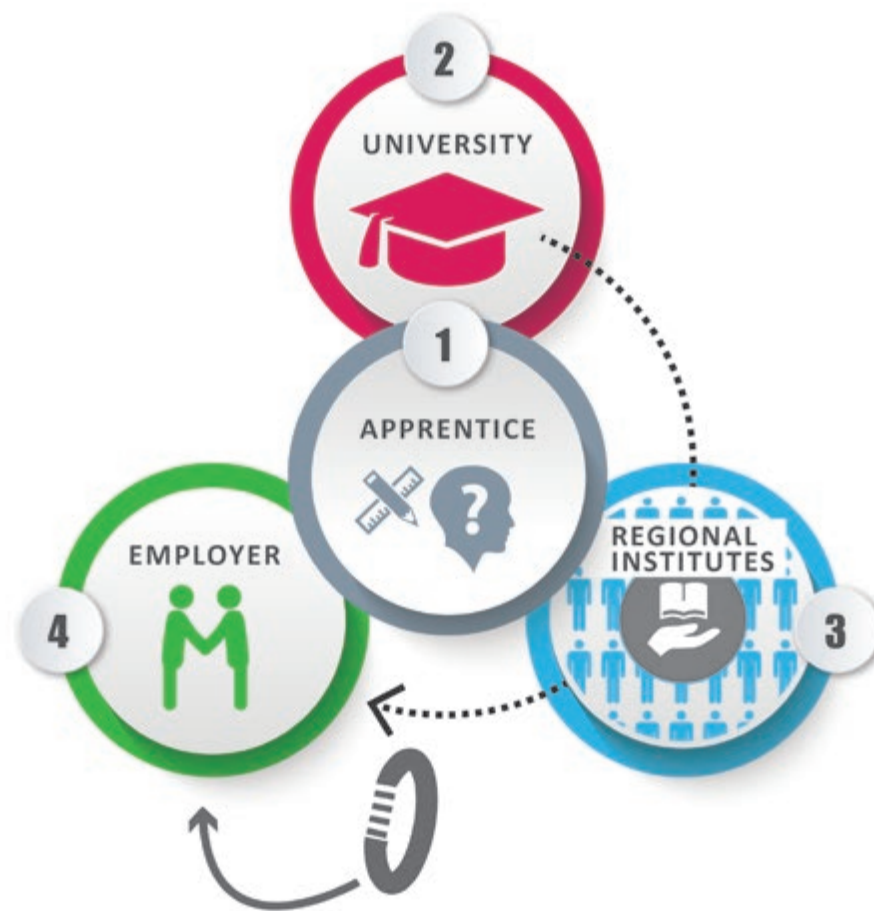
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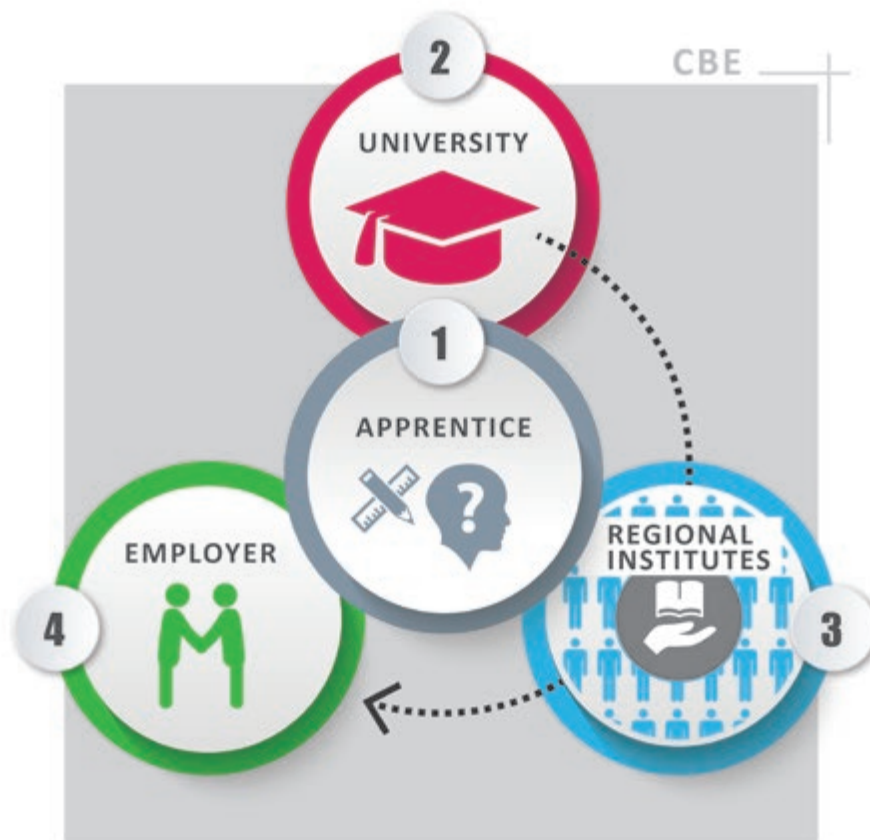
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- **The Apprentice Architect proposal fosters two programmes of the Council for the Built Environment to fulfil its mandate**
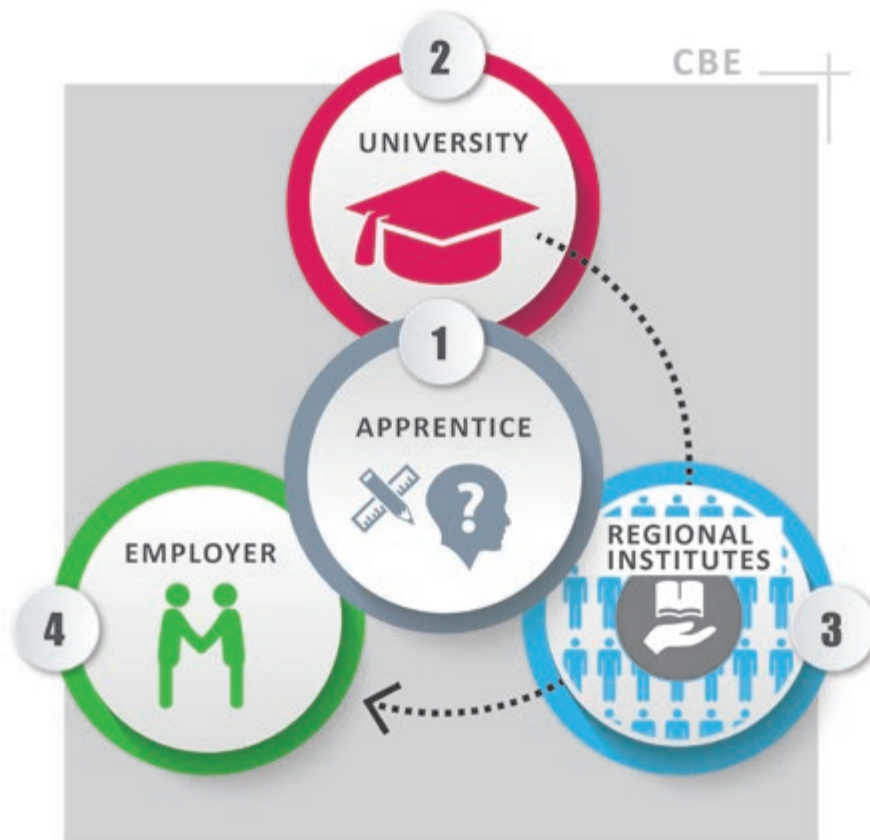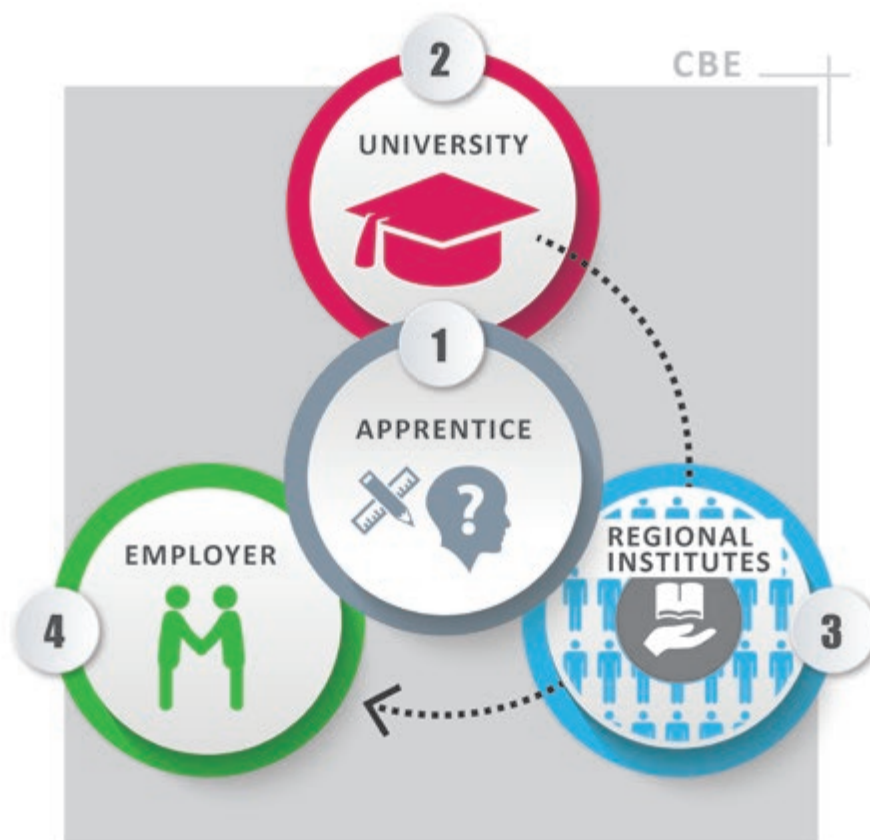
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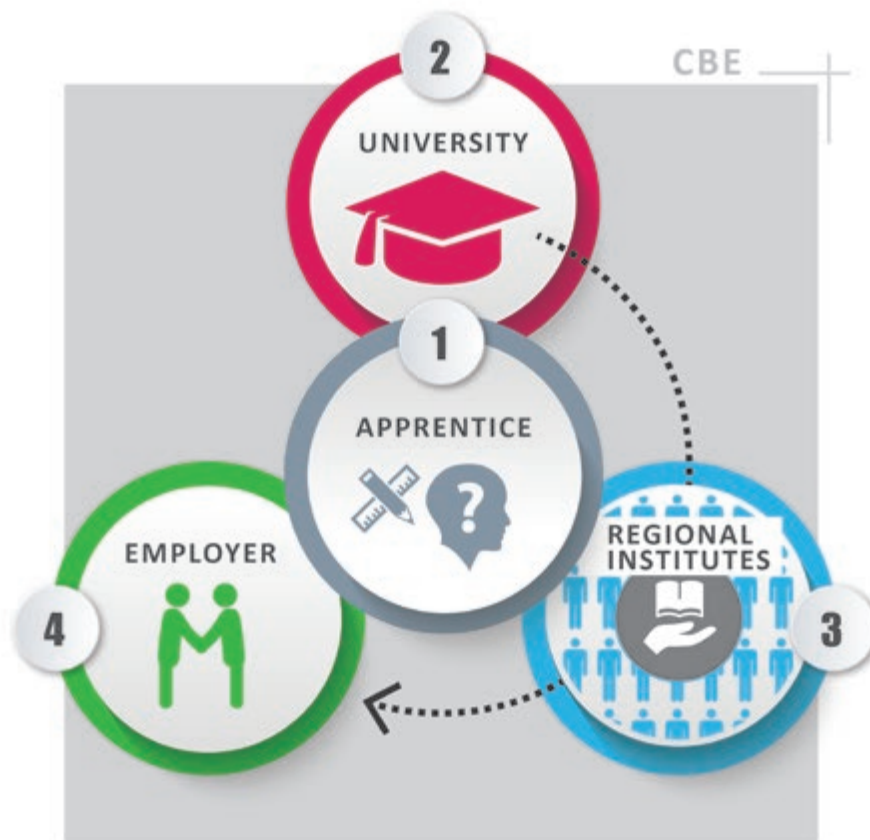
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- 2- Transformation – the mandate to redress the inequalities of South Africa's past

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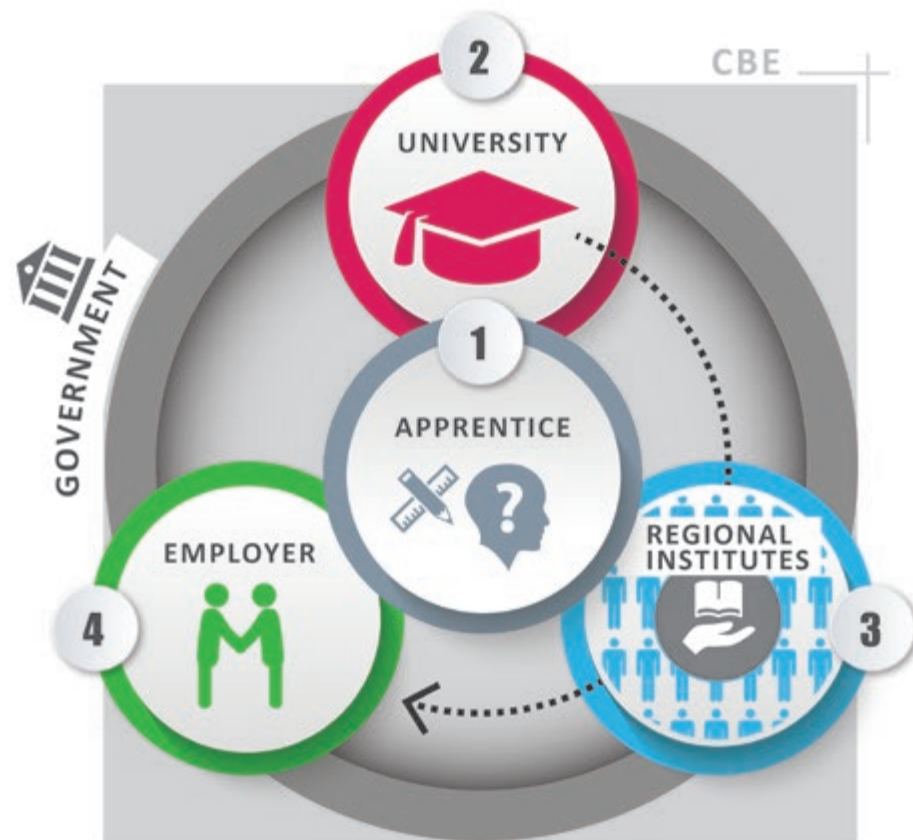
GOVERNMENT

- Government fulfils the Transformational Mandate it received from the people of South Africa
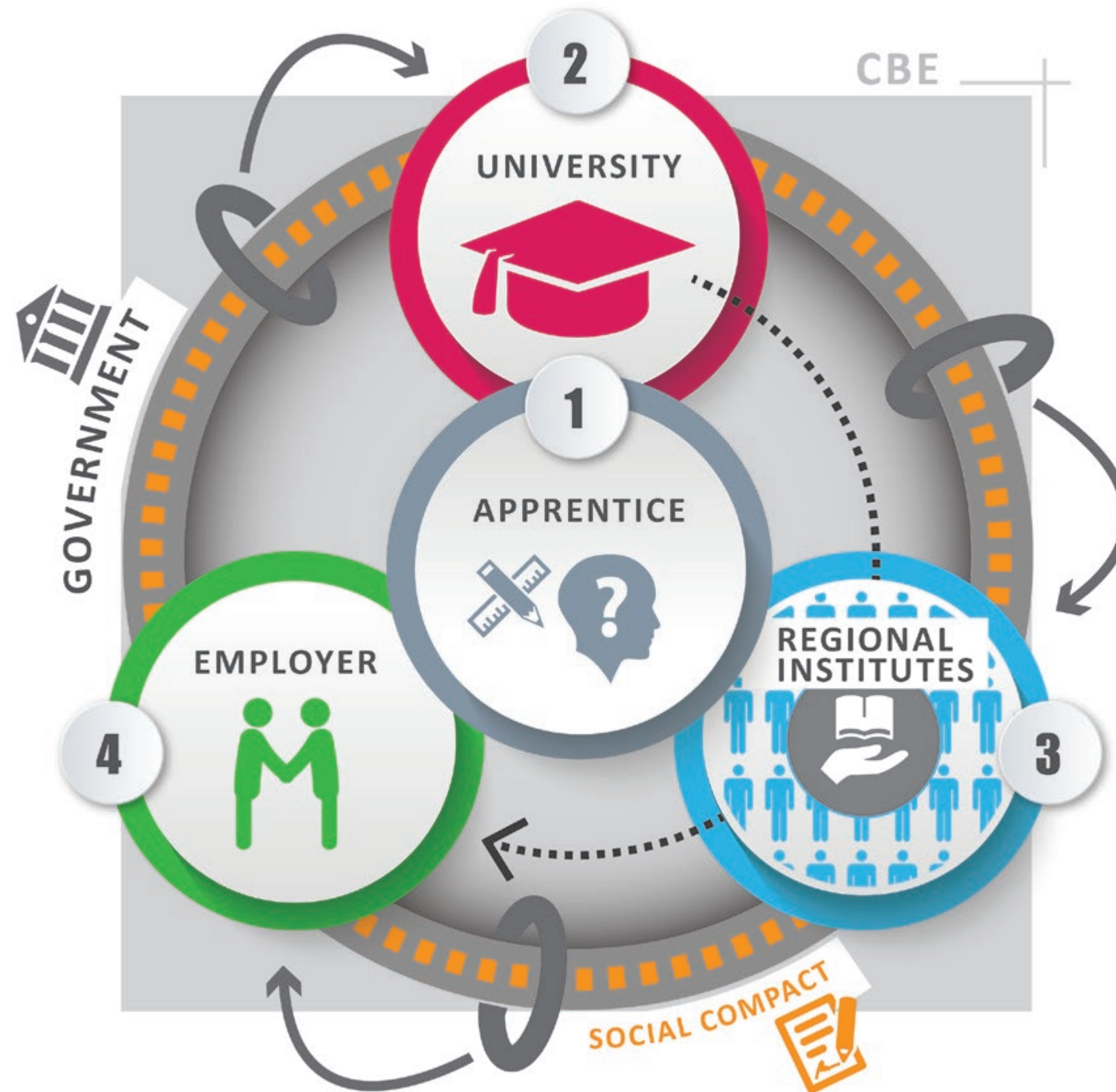- That the Apprentice Architect Receives a Salary, addresses Youth Unemployment with immediacy.
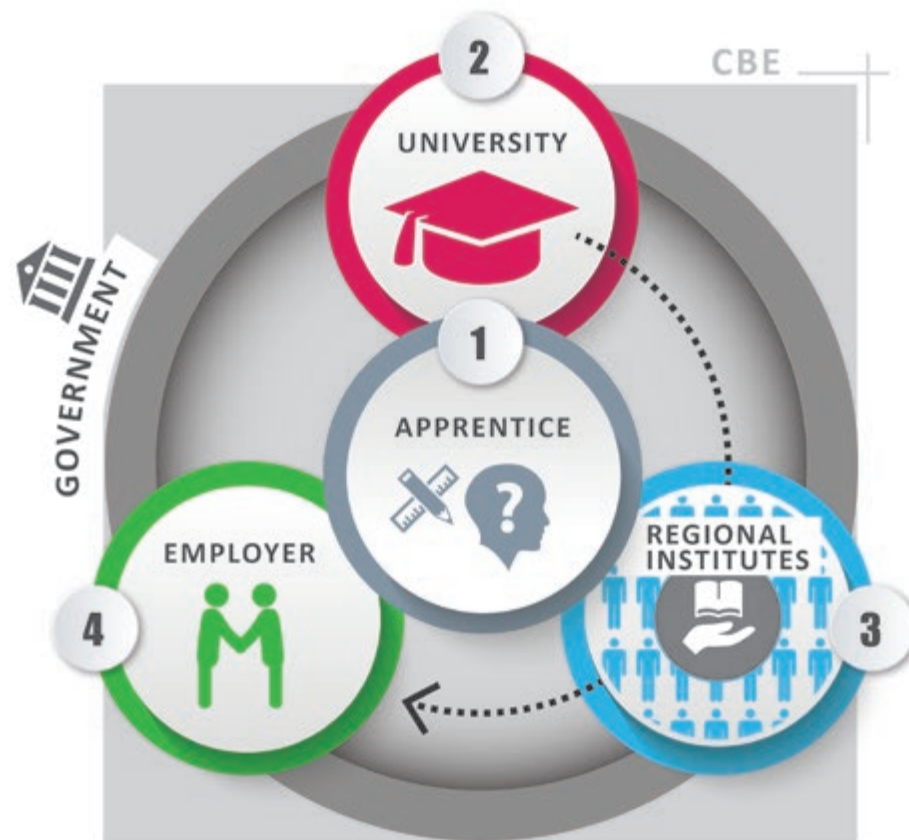
SOCIAL COMPACT

- **A Legal Contract between all parties to the Apprentice Architect, from which Rights and Obligations flow.**
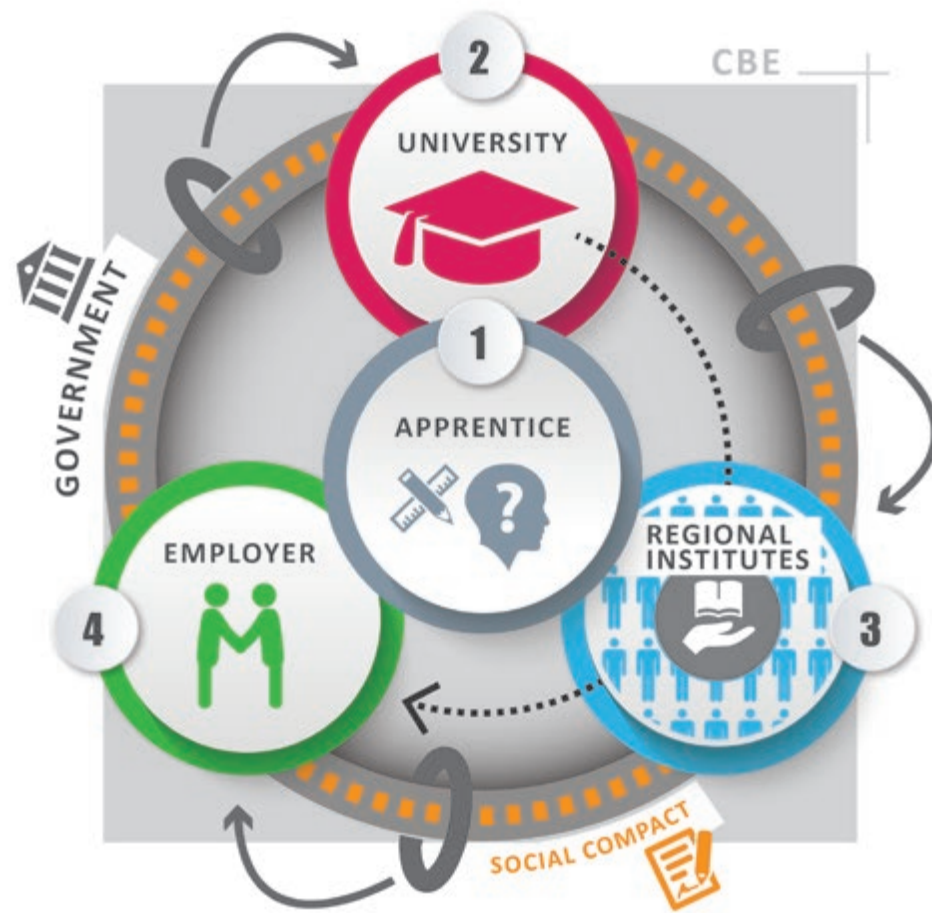
Human
centered
design

Boogertman
Partners