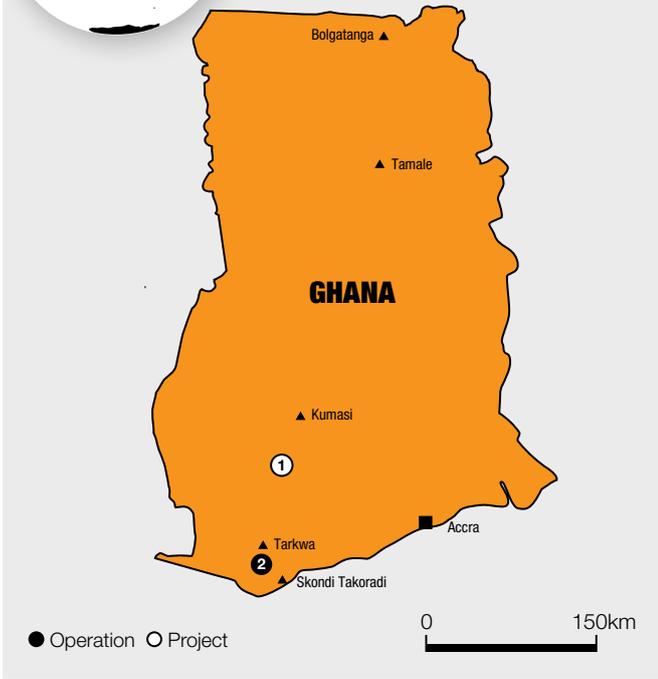


IDUAPRIEM

GHANA



Iduapriem processing plant



Iduapriem, a 137km² concession which includes Ajopa South West, is located in the western region of Ghana, some 70km north of the coastal city of Takoradi and about 10km south-west of Gold Fields' Tarkwa mine.

Iduapriem is an open-pit mine with two circuits each comprising two-stage milling – a gravity circuit and a carbon-in-leach (CIL) plant. The gravity circuit recovers about 30% of the gold and the remainder is recovered by the 418ktpm capacity CIL plant.

Iduapriem is one of two AngloGold Ashanti operations in Ghana, and one of five in the Africa region.

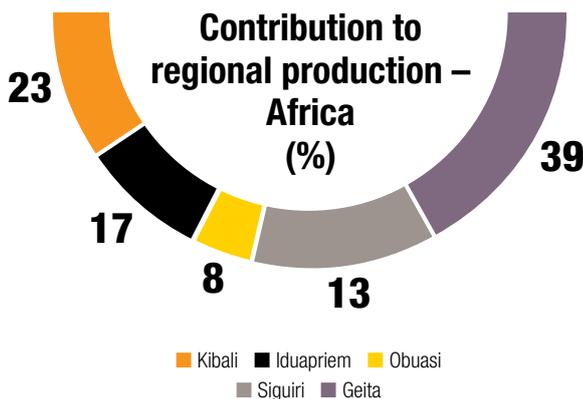
Operating performance

Production

Iduapriem had a solid performance with gold production of 275,000oz maintaining the record production level of the previous year. This performance was primarily due to the 2% improvement in plant feed, supported by higher grades following implementation of the grade improvement project during 2020. Improved grades were partly offset by a 2% decline in tonnes treated due to challenges experienced in treating harder ore material.

LEGEND: ① Obuasi ⁽¹⁾ ② Iduapriem

⁽¹⁾ Obuasi's redevelopment project began in 2019



Contribution to group production*

9%

* 2020 group production includes the South African operations to September 2020

PERFORMANCE 2020

An additional tertiary ore crushing stage is being constructed to reduce the feed size to the milling circuit to deal with the increased rock hardness as deeper ore is extracted. In the second half of 2020, a decision was made to accelerate waste stripping at the Teberebie Cut 2 at the Block 7 and 8 pit, with some of the waste stripping planned for 2021 brought forward to the fourth quarter in 2020. As a result, mined volumes increased on the back of this investment, with the operation on track to accelerate ore delivery to the mill. Waste stripping will continue into 2021. This strategic investment will assist the operation to reach the ore zone earlier, thus increasing confidence in planned gold production for 2021.

Costs

Iduapriem's all-in sustaining costs increased to \$985/oz for 2020. This increase was a result of higher stay-in-business capital spend owing to waste stripping at Teberebie Cut 2 and higher royalty costs due to the increase in the gold price received.

Capital expenditure

Total capital expenditure of \$60m at Iduapriem in 2020 was significantly higher than the \$16m spent in 2019. Capital was spent largely on the start of pre-stripping for Teberebie Cut 2 to provide access to orebodies identified for future gold extraction (see below). This was despite the challenges of the global COVID-19 pandemic, which led to delayed deliveries and a difficult execution environment.

Growth and improvement

Waste stripping for Teberebie Cut 2 was initiated and ore was mined from Teberebie Cut 1, Cut 3 and Ajopa. The mine is undergoing infrastructure development with re-investment to take place from 2021 to 2023. Projects include a waste-water treatment plant expansion, new tailings storage facility and return water dam.

Permitting, land compensation and land access requirements run concurrently with the project and will continue as part of discussions with government, the authorities and relevant stakeholders. The mine is in the process of commissioning an additional tertiary ore crushing stage to reduce the ore feed size to the milling circuit to deal with the increased rock hardness as deeper ore is extracted.

The brownfields exploration drilling campaign at the Teberebie and Ajopa pits continued in 2020.

Sustainability performance

Safety and health

There were no fatalities at Iduapriem in 2020 and the overall safety performance improved. The all injury frequency rate was 0.17 per million hours worked compared to 0.50 in 2019.

A new modernised occupational health centre was constructed at Iduapriem to better facilitate linkages between occupational hygiene and occupational medicine.

Iduapriem is OHSAS 18001:2007 certified and has also migrated to ISO 45001:2018.

Employee relations

AngloGold Ashanti's approach to employee relations is predicated on a relationship-based model. We strive to establish constructive relations with our employees and their union representatives based on our company values and our determination to embed interest based collective bargaining. Working closely with our sites, we are also at the forefront of ensuring that we comply with local legislation and regulatory obligations.

At Iduapriem, four unions represent junior and senior staff, comprising 80% of the employees. These employees are also subject to collective bargaining. Collective bargaining and wage negotiations took place during 2020 and a three-year agreement was successfully negotiated.

Environment

Our environmental stewardship activities are focused on managing the impact of our operations on land, water, air and energy resources.

Environmental management processes are governed by our Group Environment Policy, Standards and Guidelines. The combined assurance audits to assess conformance with our Environmental Standards were impacted by COVID-19 related restrictions, resulting in remote reviews. These reviews will be augmented once the restrictions are lifted.

There were no reportable environmental incidents at Iduapriem in 2020.

In terms of integrated closure, the development and execution of closure plans are intrinsic to planning and during the operation of any AngloGold Ashanti project. Planning for closure is part of a wider development plan and, until approval has been given by the relevant authorities, progress on any new operation cannot begin. Adhering to these regulations is key in providing security and comfort for host governments and communities, underpinning our role as a responsible mining company. As part of Iduapriem's closure plan, a trial farm has been established on part of what is known as the Old Tailings Storage Facility (OTSF), a rehabilitated site at the mine. The rehabilitation was aimed at enhancing ecological processes to achieve a stabilised environment which could support plant growth. See page 61 of the <SR> for more information, as well as the case study, *Successful trial farm at Iduapriem*.

Communities

Our ability to operate successfully is premised on our engagement with communities in an atmosphere of mutual respect. We remain committed to sharing value with communities through training and supplier development programmes and the localisation of employment and procurement opportunities.

We recognise the complexity and diversity of the cultural, economic and social landscapes in which we operate; and aim to balance our ethical responsibilities, regulatory obligations and business objectives. Our host and local communities face intricate socio-economic challenges – especially poverty, high unemployment rates, low economic growth, inadequate infrastructure and access to basic services.

PERFORMANCE 2020

Positive relationships and partnerships are key to building trust. During the year, meetings were held with host community chiefs, the Teberebie community and youth leadership, and the executives of host community youth associations. The aim of the meetings was to provide more information about ongoing local economic development projects, see below. Various community projects are underway at Iduapriem which are fully discussed in the [<SR>](#). See also the case study entitled [Aqua culture project at Iduapriem to boost local fish farming industry](#).

The Iduapriem mine also contributed to setting up a breast cancer screening facility in Tarkwa.

COVID-19 community response

Support to local communities included:

- Manufacture of hand sanitiser for public use
- Donations to the Ghanaian President's COVID-19 Trust Fund
- Supporting the Ashanti Regional Health Directorate, and the Municipal Health Directorate through the AngloGold Ashanti Health Foundation

In addition, we continued to use our malaria spraying platforms to support community COVID-19 environmental hygiene initiatives. These initiatives received financial support from both AngloGold Ashanti and the Global Fund.

Community resettlement

Land is a significant resource for the development and operation of our sites. It is also a critical resource for our communities. We are careful in the management of land acquisition processes. AngloGold Ashanti remains committed to avoiding resettlements wherever possible and will undertake them only as a last resort. We made progress on two resettlement projects underway at Iduapriem during the year, see page 34 of the [<SR>](#).

Artisanal and small-scale mining

We have long advocated for increased efforts in the formalisation of artisanal and small-scale mining (ASM), helping to educate and provide safer work environments and alternative avenues for the people around our mines to secure a living.



View of the crusher at Iduapriem

PERFORMANCE 2020

Key statistics

Iduapriem	Units	2020	2019	2018
Operating performance				
Cut-off grade ⁽¹⁾	oz/t	0.023	0.025	0.025
	g/t	0.80	0.85	0.85
Average recovered grade	g/t	1.70	1.67	1.47
Tonnes treated/milled	Mt	5.0	5.1	5.3
Gold production	000oz	275	275	254
Total cash costs	\$/oz	731	815	804
All-in sustaining costs	\$/oz	985	890	977
Capital expenditure	\$m	60	16	43
Productivity	oz/TEC	19.54	19.04	19.43
Safety performance				
No. of fatalities		0	0	0
All injury frequency rate (AIFR)	per million hours worked	0.17	0.50	0.75
People				
Total average number of employees		1,774	1,801	1,733
– Permanent		638	626	622
– Contractors		1,136	1,175	1,111
Environmental performance				
Water use	ML	454	80	1,636
Water use efficiency	kL/t	0.09	0.02	0.31
Energy consumption	PJ	1.43	1.41	1.58
Energy intensity	GJ/t	0.29	0.28	0.30
Greenhouse gas (GHG) emissions	000t	126	121	134
GHG emissions intensity	t CO ₂ e/t	25	24	25
Cyanide use	t	1,421	1,420	1,590
No. of reportable environmental incidents		0	0	0
Total rehabilitation liabilities	\$m	54	46	43
Social performance				
Community investment	\$000	1,079	484	198
Payments to government ^{(2), (3)}	\$m	162	86	48

⁽¹⁾ Based on the Ore Reserve.

⁽²⁾ Total payments made to the Ghanaian government on behalf of all AngloGold Ashanti operations in Ghana.

⁽³⁾ Increase in 2020 due mainly to higher tax and royalty payments when compared with 2019.

For further information on AngloGold Ashanti and its work and performance, as a group and in the Africa region, see the <IR> and <SR> which are available online at www.aga-reports.com